

Boulder, Colorado 1969

# About Holubar----

Today, in an automated world of "bigness" and "fastness," it is said there remains no place for the small businessman, the specialist, or the craftsman. At Holubar we feel differently. We feel there is an important place for a business devoted to making other people's lives more relaxed and more enjoyable, and we do it by a combination of craftsmanship and specialized, personalized attention.

Buying any amount of any type merchandise through a mail order transaction can be a risky business. Consequently, the caliber of the people in the transaction is every bit as important as the product itself, and at Holubar we put our efforts into making this philosophy a reality. We feel our people have the knowledge and capacity to supply the highest quality and design, and offer a personalized service based upon protecting and improving a reputation we have worked hard to earn and keep. To us, the products in this catalog represent the best values in each of their respective categories, and we have selected items most often required, or desired, for enjoyable and successful outdoor activities.

The products we ourselves make are available only through our catalog, our own retail stores in Boulder and Denver, and at the Kelty Pack Inc. store in Glendale, California. The Kelty-Holubar relationship was established years ago when Mr. Kelty and Mr. and Mrs. Holubar were both initiating their businesses. Although we receive many nice letters and requests from equipment dealers across the country, we honestly do not have an adequate margin built into our products for wholesaling or discounting.

We think the extra time and labor put into each of our products is worth the additional effort, and we are so very pleased with the many customer letters we receive complimenting us on our work. We hope very much that you will find something in our catalog that fits your requirements. We assure you that we feel it will satisfy your expectations, that we will do everything possible to give your order the care and attention it deserves, and that we will stand behind our products and services. Thank you very much.



Jim Kack  
President

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## TWO STORES:

1975 30th Street  
Boulder, Colorado

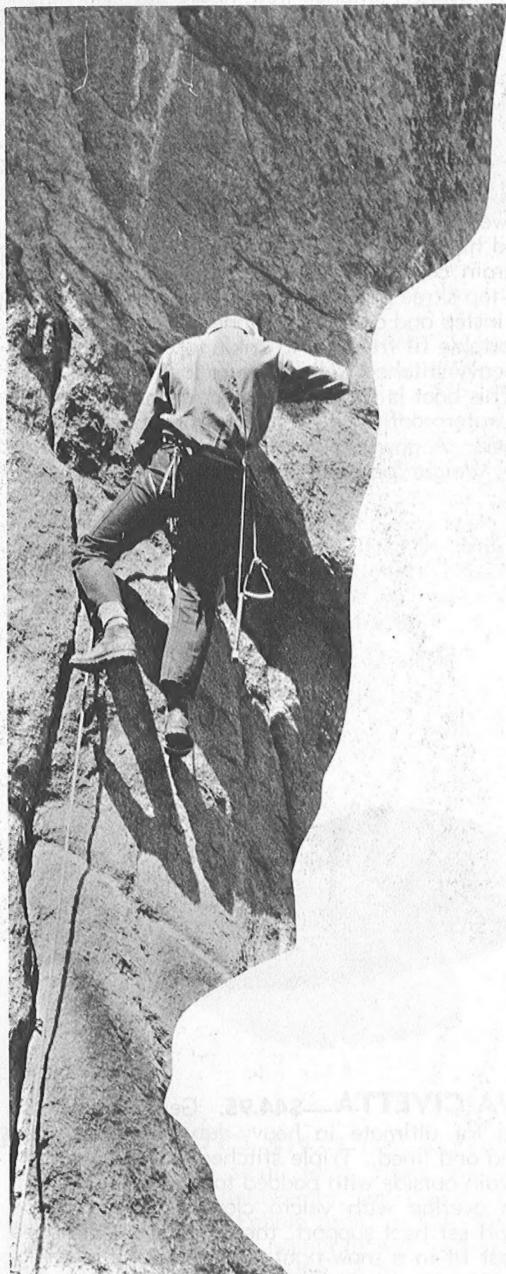
280 Columbine Street  
Denver, Colorado

MAIL ORDER ADDRESS:  
BOX 7  
BOULDER, COLORADO  
80302

# About Boots----

An outing is only successful if it has been enjoyable and comfortable, and comfort usually starts, or stops, with the feet!

We have selected an assortment of men's and women's boots designed for optimum performance in their price and use category. Boots, like street shoes, vary slightly in fit because of style and designated use. We have noted these characteristics in each boot description, as we feel they are so important in considering the best boot for fit and intended use.



## FITTING OF BOOTS

It is important when purchasing a boot to buy the one which fits best provided it has the features required for your specific use. Boots are made from natural materials and usually stretch in varying degrees, depending on style and model. When trying on boots it is best to wear a little less sock than normal. For instance, if you normally wear two thick socks, try the boots on with a thin and a thick pair. This will allow a little for stretching. It is impossible to tell in ten or fifteen minutes if a boot fits correctly. It is much better to wear them in your home for about two hours. The boot will either become more comfortable, or less comfortable in that time. If it does become quite uncomfortable, the boot should be returned.

**WHEN MEASURING YOUR FOOT** to order boots, put on the socks you intend to wear with them. Normally, one light pair and one heavy pair of wool socks for hiking and winter mountaineering; one light pair for climbing with klettershoes. Stand on a piece of paper with weight distributed on both feet. Hold a pencil vertically and trace the outline of each foot. To supplement this information and insure best fit, also PLEASE INCLUDE YOUR **REGULAR STREET SHOE SIZE** (as 9½ B, etc.). If these instructions are followed carefully, it is quite easy for us to assure you a good fit. Should any boot you order prove to be an improper fit, please return for replacement or refund before wearing them outdoors.

# Boots-----



**HOLUBAR MEN'S BOOT — \$27.95.** New this year, a boot made to our specification by Voyageur Division of Red Wing Boot Co. We feel this to be the best value in a men's hiking boot. Oil treated heavy duty leather, and full grain cowhide lined. Has padded uppers, soft, flexible ankle top skree guard, and padded, hinged tongue. Independent instep and ankle fit to secure foot down into snug heel fit. Heavy stitched welt, heavy duty extra mid-sole, and vibram lug soles. A boot for the occasional camper as well as the "serious" hiker.

Weight per pair, 4 lbs.

**HOLUBAR WOMEN'S BOOT — \$24.95.** A boot we have made to our specifications for most rugged hiking and climbing use. Oil treated outer, full grain cowhide lined with padded uppers, soft ankle top skree guard, padded tongue and designed to fit instep and ankle independently to insure close comfortable fit from toe to ankle top. Vibram soles and heavy stitched welt to insure long lasting quality. This boot is soft, yet treated leather allows for good waterproofing with silicone or wax-type conditioners. A good value in a long lasting women's boot. Weight per pair, 3 lbs.



**WHITNEY BOOT** by Voyageur—\$34.95. A good heavy duty hiking boot which may also be used for light climbing and ski touring. The upper is cut from one piece of brown, rough-out leather which is as waterproof as smooth leather but more scuff resistant. The boot is fully lined with leather and firmly padded around the ankle. A good year around boot. Weight per pair—4 lbs. 9 oz.



**LOWA CIVETTA—\$44.95.** German boot designed for ultimate in heavy-duty wear. Is fully padded and lined. Triple stitched welt, heavy duty full grain outside with padded tongue and complete instep overlap with velcro closure. Speed lacing with off-set heel support, these boots are designed for best fit in a snow-tight, winter-mountaineering, boot. Weight per pair, 5 lbs. 4 oz.



## GOLDMEDAILLE

### KRONHOFER MOUNTAIN BOOT —

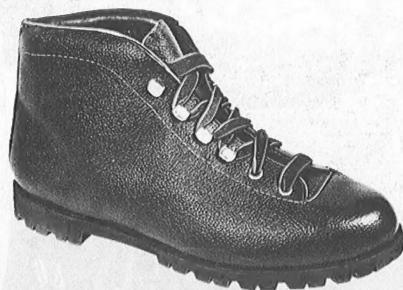
**—\$44.95.** Made in Innsbruck, Austria, this boot is a product of true "old country" skill and craftsmanship. Worn by the Austrian Mountain Guard, this boot is designed for close fitting comfort of serious hiking, or rock climbing work. Triple hand stitched welt is very narrow, permits entire weight to be placed directly over lug sole. With proper care, this boot is almost completely water tight. A favorite of geologist friends of ours, as well as seasoned climbers, the snua heel and boxed in toe cuts foot fatigue to bare minimum. A beautiful hand crafted boot that makes lasting friends.

Weight per pair, 4 lbs. 4 oz.

### KRONHOFER KLETTERSHOE —\$19.95.

Handmade in Innsbruck, Austria especially for technical rock climbing work. One of the most popular, most respected klettershoes available, this gray suede leather is supple, yet countered heel gives good support. Glove-like fit insures best support in rock climbing. State whether intended use will be for rock climbing or hiking, as fit for rock climbing should be very snua, allowing boot to stretch to exact foot shape. The "Superkletter" sole is resolable, and this is one klettershoe you can expect to last through more than one set of soles.

Weight per pair, 2 lbs. 4 oz.



**FABIANO BOOT —\$19.95.** Designed especially for women with small feet. Holds low instep firmly. Extremely lightweight, yet padded upper gives good support. Pebble grain leather for easy upkeep, is also readily waterproofed. Vibram lug sole. Weight per pair, 2 lbs. 2 oz.



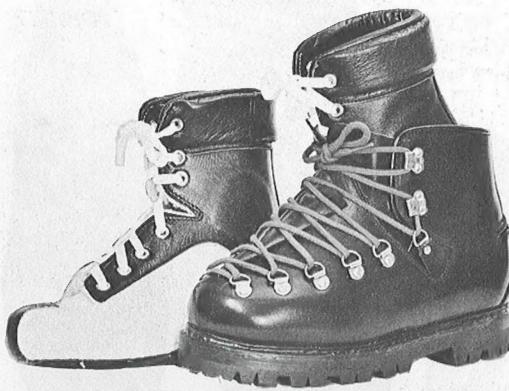
### FABIANO TOURING BOOT —\$26.95

An especially comfortable medium-light weight boot. Excellent fit, fiberglass insulation, lightweight, and low cut combine to make this a favorite cross-country boot. May be used with Rottefella, Tempo and Jofa bindings. Black leather with red trim. Weight per pair—2 lbs. 14 oz.

# Boots-----

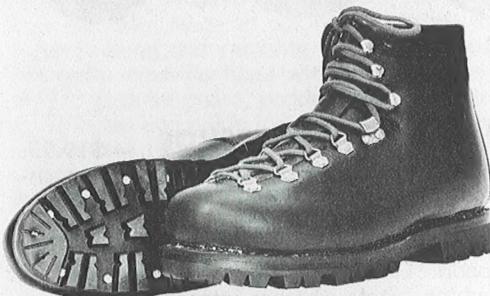
**GALIBIER HIVERNALE —\$69.95.** The best combination of light weight and warmth available in a double winter mountaineering boot. Is amazingly lightweight, yet built for most rugged winter mountaineering. Comes with two sets of inner boots, one leather and felt, one felt and pile lined for most humid conditions. Both inner boots have heavy padded ankle collar that seals boot from outer moisture, and permits comfortable fit. The top double boot in quality and value.

Weight per pair, w/liners 6 lbs. 4 oz.  
Shipping weight, w/2 pair liners 7 lbs. 8 oz.



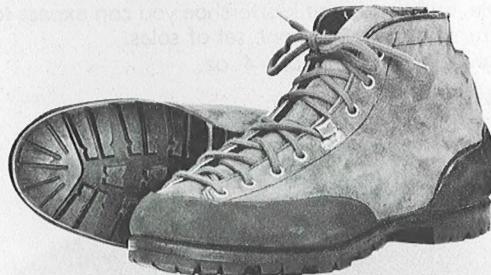
**GALIBIER MOUFLON —\$31.95.** From the famous French manufacturer, this boot is designed as a compromise between the hiking boot and the climbing boot. Its one piece upper is of stiff leather, is fully leather lined and padded. Speed laces and hooks, vibram lug sole with double stitched welt. A boot built to take much abrasion and rough wear.

Weight per pair, 4 lbs. 4 oz.



**ROYAL ROBBINS —\$28.00.** Designed to the specifications of America's great rock climber, Royal Robbins, this boot is made by Galibier of France. A shoe built for rock work on big walls or bouldering, it combines the best qualities of the climbing boot and klettershoe. A boot recognized by climbers around the world as a classic.

Weight per pair, 2 lbs. 11 oz.



**GALIBIER 'RD' FRICTION SHOE —\$19.95.**

The shoe designed for the most technical friction climbing. Soft leather uppers for tight fit, and smooth rubber soles for best hold, this boot is a result of expertise in use and materials. Should not be substituted for Klettershoes as this is a special boot for special use. Climbers interested in this boot already know plenty about it. Enough said!

Weight per pair, 2 lbs. 2 oz.



# BOOT ACCESSORIES

## SNOW AND SCREE GAITERS

### ZIPPERED GAITERS

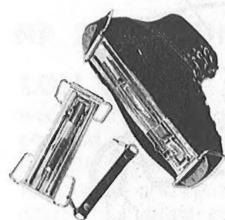
For keeping snow and scree out of boot tops. Can be taken on and off without removing boots. Zipper backed by flaps. Made of two layers of highly wind and water repellent NP 22. Elastic top and bottom. Eyelets for lacing with Alpine cord under instep. Weight 5 oz. \$4.50



### REGULAR GAITERS

Same as above, without zipper. Weight 3 oz.

\$3.00



Weight 20 oz.

\$3.25

### BOOT PRESS

Leave the insides of boots free to dry yet maintain the shape of the boot. Separate steel clamps adjust to permit the proper tension for ski boots. Leather straps fastening together for hanging or carrying. Fits 5 to 13.

\$3.25



### SNO SEAL

One of the most popular. Waterproofs without softening the boots or causing them to stretch. Rough leathers — as on the Klettershoes — should be first treated with Duxbak.

Weight 4 oz. \$ .60  
8 oz. \$ .95

### DUXBAK

An excellent liquid silicon waterproofing with resins, especially recommended for leathers having the rough side out — as in Klettershoes.

Weight 8 1/2 oz. \$1.00



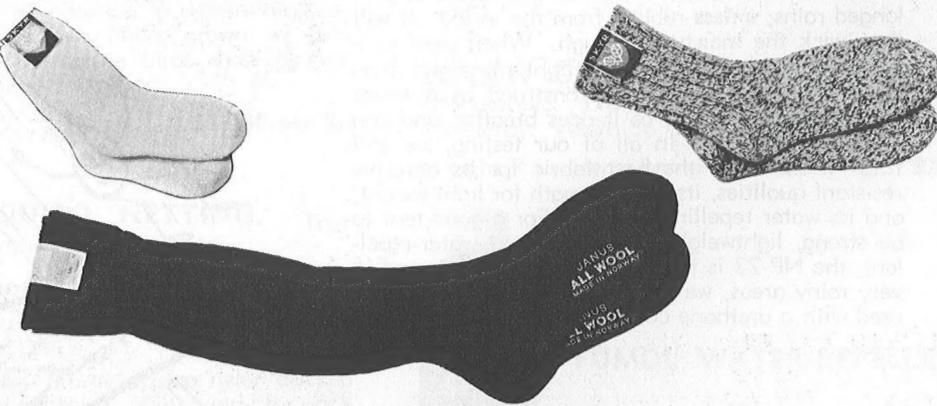
**BOOT LACES** — Nylon braided for years long wear. Hold knot well.

40" length. Per Pair \$ .30  
54" length. Per Pair \$ .35

## SOCKS

### NEW THERMAL SOCK—ABSORBENT

**PILE.** Lining keeps foot dry and warm under wet conditions. Excellent for all cold weather wear. Extra wool sock may be worn on outside if desired. In white. Sizes: Small (7-9), Medium (9-11), Large (11-13). Weight 6 oz. per pair \$2.95



**EXTRA LONG KNICKER SOCKS.** Heavy wool knicker socks in over-the-knee style. All wool. Brightly colored in blue, red, grey, or olive. Sizes: 9-13 \$4.95

### IMPORTED NORWEGIAN RAGGSOCKS.

The standard outer sock for year round mountaineering. Durable 85% wool composition keeps warmth even when wet. Nylon reinforcement retains shape. Speckled grey. Sizes 8-13.

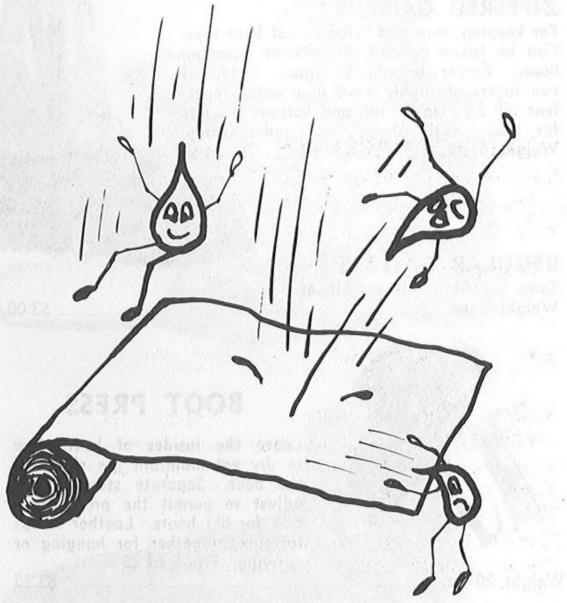
Weight 5 oz. \$2.25

**NOTICE**—The RESOLING SERVICE previously offered by Holubar has been discontinued for 1969.

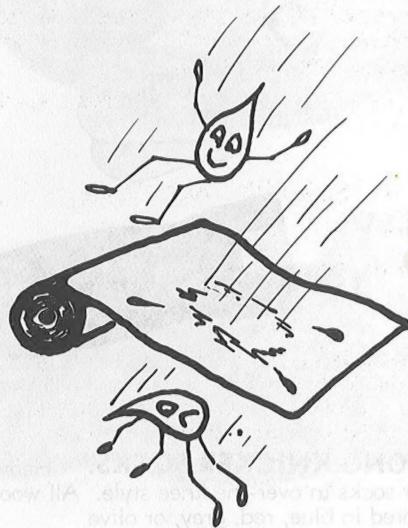
# About Fabrics-----

Much is said about various "miracle" fabrics of today, and the ability to be waterproof, yet "breathable." In an attempt to be very realistic and practical, we offer the following:

**WATERPROOF**—Completely water tight. Will not let water or moisture in or out. Has closed pores, and consequently does not breathe. Rubber or urethane coatings will keep moisture out but also cause condensation. People wearing rainwear of waterproof fabric often think the garment is leaking, when in fact the moisture is simply condensation from their body, trapped inside the garment. When wearing waterproof garments, allow for ventilation around neck, and air circulation under garment as much as possible to minimize condensation. In tents, be sure the rain fly is 3 to 5 inches off top of tent to allow air circulation between tent roof and fly.



**WATER REPELLENT**—Fabrics, such as our NP-22, are fabrics that are tightly woven, then treated with a silicone to repel water. These fabrics do breathe, and are comfortable in various weather conditions. They are not water **PROOF**, however, and if rubbed from one side, will "wick" water through the tiny pores. NP-22 is 50-50 nylon and pima cotton, and has a "Quarpel" water repellent finish. The fabric, when used in a tent, will shed all but severe or prolonged rains, **unless** rubbed from the inside. It will then wick the moisture through. When used in a Mountain Parka, it will repel light rains and drizzles.—It should not be misconstrued as a water proof fabric, however, as it does breathe, and can allow moisture in.—In all of our testing, we still find NP-22 to be the best fabric for its abrasive resistant qualities, its high strength for light weight, and its water repelling ability.—For a good tent to be strong, lightweight, windtight, and water-repellent, the NP-22 is tops. —For a tent to be used in very rainy areas, we recommend the ripstop nylon, used with a urethane coated rainfly.



# Fabrics----

**"FRENCH" NYLON.** Dense-woven extra-light nylon for down-wear. Silicone water-repellent treated. Luxurious "hand". Width 45" Royal blue color.

Weight about 1.2 oz. per running yd. ----- \$2.50

## NP 22 "MOUNTAIN WORTHY" NY-

**LON PIMA.** Without question this light, weather-tight, tough oxford weave fabric of 50% combed supima cotton and 50% 100-denier high tenacity nylon 66 is superior to any other fabric for parkas and tents. It was developed for the first ascent of Everest, then adapted for meeting the most severe tests of weather and wear. Made to U.S. Army specifications, it is Zelan water-repellent treated, with spray rating 100. Parkas lasting ten years and more of rough wear speak for the durability of NP 22. Garments made of it have the comfortable feel of cotton and strength of nylon. Tents are raintight. Width 45" 4.9 oz. per sq. yd. Colors Sage green, red, and charcoal brown.

Per running yd. ----- \$2.95

**GOOSE DOWN.** Premium highest quality goose down with greatest springiness and insulating capacity. (Color is no criterion in determining insulating capacity.) Down fibers grown in cold weather, picked from mature birds show longest fully developed springy filaments.

\$5.00 per 4 oz. ----- \$18.00 per lb.

**NYLON MOSQUITO NETTING.** Tear strength 5 lbs. Width 36". Color, white.

Weight 1½ oz. per running yd. ----- \$1.00

**REPAIR FABRIC.** Sturdy ripstop nylon backed with a durable vinyl adhesive. Very handy for pack trips. If you get a tear, cut off a piece and apply to the article. Adheres with pressure. 2" wide. Will withstand washing but not dry-cleaning. Take a foot or so on every trip for emergencies. Red, blue, or black.

Per foot ----- \$.20

**NYLON 11-A.** Ideal wherever light weight with strength is required. Ripstop weave gives extremely high tear strength. Exceedingly wind tight. Silicon water-repellent treatment. Red or blue. Width 44". Weights 2 oz. per sq. yd. Tear strength, 16 lbs. ----- \$2.00

**4-PLY SUPERNYL NYLON.** Exceedingly densely-woven, serviceable, and handsome nylon with silicone water-repellency. Width 45". Weighs 2.3 oz. per sq. yd. Navy blue, red, black, sometimes other colors as listed for parkas inside back cover.

Per running yd. ----- \$2.25

**NYLPORT.** New poly-urethane coated nylon is tough and watertight. Coating neither cracks, nor sloughs off even at coldest temperatures. Washable and dry-cleanable. Excellent for rainwear, flys, ponchos, tent floors. Width 44". Weighs 2.6 oz. per sq. yd. French gold color.

Per running yd. ----- \$2.00

**NYLON DUCK PACK FABRIC.** Tough and durable. Tear strength 25 lbs. Zelan water-repellency. Width 36". Colors: red, blue.

Weight 7 oz. per running yd. ----- \$3.50



## FUMOL WATER-REPELLENT

New silicone type water-repellent in spray can. Highly effective. Does not discolor or stiffen fabric. Slight odor dissipates in a day. Can be heat-set with iron for greater water-repellency and longer life. 20 oz. can does one tent ----- \$2.95

# HOLUBAR TENTS

## ROYALIGHT TENT



**ROYALIGHT Tent.** In charcoal brown NP-22. Built for all-around service. This water repellent fabric needs no fly for most conditions, except when used in an area experiencing prolonged rains.

The ROYALIGHT TENT is a hardy, storm-proof and comfortable two-man tent incorporating many years of experience in every detail.

The Royalight sleeps two people and their packs without crowding. A durable coated nylon floor 7'6" long and 5' wide near the door, tapers to 4' wide at rear. Front peak is 4'6" and tapers to 1'8" at rear peak. Large, hooded, insect-tight ventilators at front and rear peaks can be closed during storm from within tent. Storm-proof door ties out like canopy, providing space for cooking or pack, or rolls up when not needed. During storms, two zippers under protective 2" flap close door tightly or adjust for ventilation. Two side pullouts enlarge inside space. Three-inch vertical wall at rear extends usable width to full four feet. Floors extend up sides 9" on nylon ripstop model.

Center zipper opens mosquito netting which ties aside when open. Double sill of fabric provides insect-proof seal for bottom of netting. Inside loops on ridge for spanning clothesline; handy net pockets on sides for socks, flashlight and miscellaneous items. All points of strain, and the ridge are strongly reinforced.

Tent with poles rolls to 6" x 24" in a nylon carrying bag (included). Guylines included. Stakes (10 to 12) must be ordered separately.

**Royalight Tent** of NP-22 with poles: Weight 5 lbs. 4 oz. **\$70.00**

**Royalight Tent** of 1.5 oz. Nylon Ripstop with coated nylon fly and poles. Weight 5 lb. 4 oz. **\$96.00**

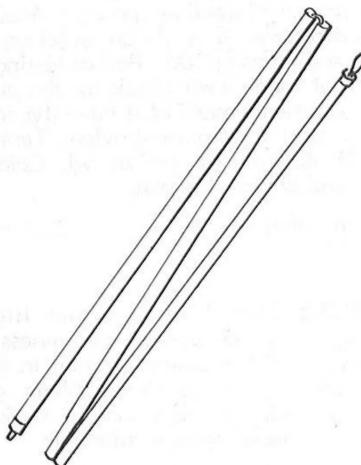
**Fly for Royalight Tent** of coated nylon (for extra front canopy and complete rain protection. Weight 1 lb. 5 oz. **\$26.50**

### TENT STAKES

Lightest, tough and serviceable tent stake, made especially for us, holds best in all kinds of ground. U-shaped out of 1/4" duraluminum rod, it stands years of use. If deformed, it can be pounded back into shape. **\$ .30**



### SELF-ASSEMBLING TENT POLES



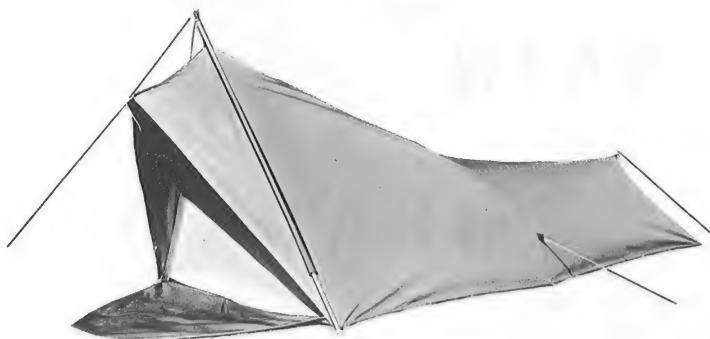
Rubber shock cord inside the fitted aluminum tube sections draws up to join pole into a rigid unit. Cord ends anchor in brass screwed-in fittings and cord can be replaced, although it serves for years. Prevents loss of sections, and the assembly is quick.

**Royalight Tent Poles.**  
Set, Weight 1 lb. **\$11.00**

**Teton Tent Poles.**  
Set, Weight, 14 oz. **\$10.00**

**Tiny Tent Poles.**  
Set, Weight, 10 oz. **\$ 9.00**

## TETON TENT



The **Teton Tent** has adequate room for two, luxurious room for one and duffle. Durable coated nylon floor is 7'4" long by 4'4" wide at the front, tapering to 3'2" wide at the rear. Peak in front is 4'2", tapering to a rear peak of 1'4". Triangular front door is closed by zippers which run along ridges toward top. Top of door can be left open for ventilation. Hood extends over front, protecting door from rain. Full front mosquito netting opens with zipper, ties out of way when not in use. All points of strain and ridge are strongly reinforced. Two side pull-outs for enlarging usable space. Wind-tight NP 22 body of tent gives excellent rain repellency so that no fly is normally needed. It is the best all-around tent fabric that we know. Guy lines included with tent.

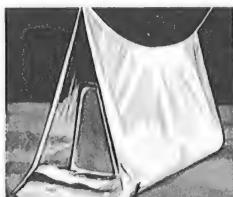
Takes eight stakes. Rolls with poles to 15"x19" into a nylon carrying-bag (included). Charcoal brown color, with Nylport floor. Teton tent and poles. Weight 3 lbs., 3 oz. **\$59.00**

## TINY TENT



The **TINY TENT** is seven feet long and provides just enough room for one man and his pack. 30" wide in front tapering to 23" in rear. Front peak 28" high. Rear peak 16" high. Durable coated nylon in floor extends up sides to protect items which might rub against walls. Tent body of NP 22 nylon pima for maximum wind and water-repellency. Fabric breathes. Triangular front door is closed with zippers which run along ridges toward top. Top of door can be left open for ventilation. Front hood protects door and gives protection to extra duffle outside tent. Has zipper-closed insect-proof bug screen which ties back out of way when not in use. Four side pull-outs for maximum interior usable space. Can be set up easily with sticks, an ice axe or ski pole, or with rocks and a guy line. Charcoal brown color with Nylport floor.

Weight 2 lbs. 10 oz. **Tent and Poles \$35.00**



## PLASTIC TUBE TENT

Vinyl tubing of a durable heavy gauge, 9 feet in circumference, 9½ ft. long. Does not crack when cold. Can be strung over suspended cord and closed at one end as desired.

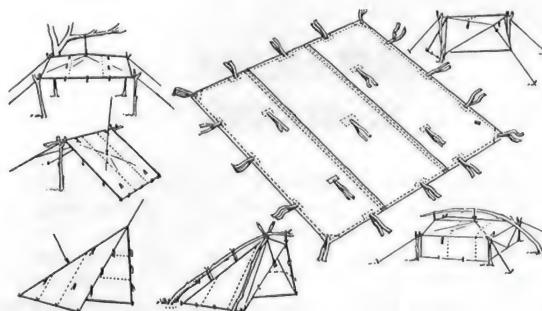
Weight 1 lb., 7 oz. **\$2.00**

Two man size tube tent is 12 feet in circumference. Weight 2 lbs. 1 oz. **\$3.00**

## TIE-OUTS FOR PLASTIC

One-half inch brass grommets set in strong 5" loops of 2" wide plastic tape with adhesive backing to fasten to any plastic sheet, tarp, tubing, etc., for use as tie-outs. Weight 1/3 oz.

Package of 8 **\$1.00**



## HOLUBAR TIE-TARP TENT

The Holubar Nylon tie-tarp tent can be pitched as a variety of shelters. Coated nylon 7'6" x 10' is waterproof. Grommets on corners and 17 ties on edges and on body of tarp. Gold color.

Weight 28 ozs. **\$24.50**



# RAIN GEAR

## HOLUBAR NYLON PONCHO

The most versatile piece of lightweight equipment you can own: raincoat, pack protector, canopy, shelter, ground sheet. Superior visored hood turns with head. It adjusts with drawstring under chin or over lower face. Neck opening closes securely. Reinforced snaps along arm edge to keep out rain. Reinforced grommets at each corner and side. Seams waterproof. French gold Nylport. Weight 16 oz.

58" x 76" ----- \$13.00  
66" x 84" ----- \$15.00

## RAIN ANORAK OF NYLPORT

This permanently water-tight raglan-sleeve rain anorak is about 37" long, with overlapping snap closure and snaps at cuffs for ventilation. The attached hood adjusts over the lower face if desired and has a bill to protect the face. Its handy shape and light weight make it favorite rain wear for the camper. Worn with rain chaps, it gives complete protection. Has 2 pockets. French gold, Red, or Avocado color. S, M, L, XL

Weight 8 oz. ----- \$16.00

## RAIN CHAPS



Made of waterproof Nylport, these individual pant legs are excellent against wet and wind. Tough enough to withstand brush, they are ideal for motorcycling, bicycling, horseback riding, and canoeing. Chaps slip easily over boots and adjust in length. Inseam 28", 30", and 32". French gold color.

Weight 5½ oz. ----- \$4.00



## CAGOULE

Designed for the climber and hiker, this roomy pullover gives rain and wind protection at very low weight and bulk. Hood has visor, cuffs have elastic. Bottom drawcord. Zipper from chin to neck allows for ventilating. Large Velcro-closed chest pocket. Arms and legs can be pulled inside for lunch stops and bivouacs. The Cagoule can be ordered a size larger to go over down parka or pack. French gold Nylport. S, M, L, XL.

Weight 15 oz. ----- \$22.00



## WALKING TENT

Made of water-tight Nylport, this roomy combination raincoat and pack cover protects both wearer and largest loaded pack-frame. Velcro closure at neck is completely adjustable for ventilation. Snaps at wrists adjust elastic cuffs for ventilation. Sack-like shape adjusts itself to emergency tent or bivouac sack. Bottom has drawstring and can be fastened to shorten garment. French gold color. 84" girth and 60" long.

Weight 1 lb. 7 oz. ----- \$23.00



## HOLUBAR "WIND BAR"

A good intermediate wind parka for those desiring a lighter duty jacket than the Mountain Parka, yet one that has the quality and durability needed for rugged use. The Wind Bar is of tough, nylon oxford Duck fabric, is wind tight and highly water repellent. It has two large patch pockets, drawstring bottom, and weather tight hood. A top value in an inexpensive jacket. Men's S, M, L, XL—Red  
Weight 16 oz. ----- \$16.50



## CLIMBING PANTS

### HOLUBAR WINDPANTS



Made of durable, tough NP 22, these "overpants" make comfortable, light climbing pants by themselves. Slip them on over your regular pants—they can be put on over your boots—for extra protection from wind, cold, and wet. They are windtight and water-repellent. Tailoring is trim with zipper fly, two large side pockets, elastic at waist with snap fastening and draw-string cuffs. State waist and inseam. Weight 11 oz. **\$14.00**



### WHIPCORD CLIMBING KNICKERS

A very well made knicker, exclusively ours. The whipcord fabric is tightly woven and windproof but very comfortable in summer conditions. Cut to allow full freedom of movement. Features include two bottom down flap pockets and double seat. Dark grey.

Sizes 28" to 38" waist, regular length and long (if regular inseam exceeds 32") **\$17.50**



### DERBY TWEED KNICKERS

Our best year round climbing knicker. Wool blended with rayon-cotton blend for comfort is warm enough for use in moderate winter conditions but light enough for most warm weather wear. Two velcro pockets, double seat and tunnel belt loops. Green brown tweed.

Sizes 28" to 38" waist, regular length and long (if regular inseam exceeds 32") **\$21.50**

### NORWEGIAN NET UNDERWEAR



#### SHIRT

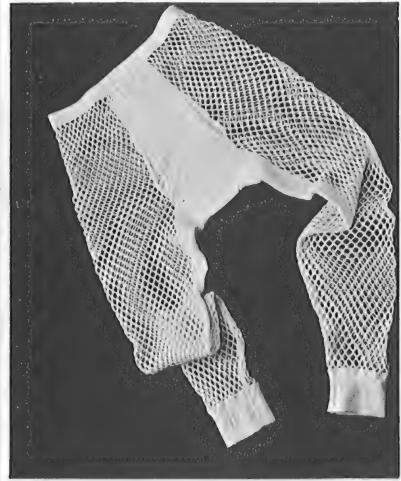
For outdoor comfort, regardless of heat or cold. Thick, soft, durable mesh of ideal dimensions to trap air against the skin to give efficient insulation and allow body moisture to pass off as vapor. Gives comfortable dry feeling even when the wind blows. Highest quality long-fibre cotton. This is the brand adopted by the Norwegian army as the best available. T-shirts for men and women. State chest measurement.

Weight 7½ oz. \$3.50

#### PANTS

Of the same type construction. State waist and outseam.

Weight 8½ oz. \$4.75



## CLOTHING ACCESSORIES

**SKYR TURTLENECK.** —A well fitting all cotton shirt that provides excellent warmth in very cold conditions when worn with net underwear, and is comfortable when worn next to the skin in milder weather. Will keep shape when machine washed. Navy blue. Men's and women's sizes Small, Medium, Large, and X-large.  
Weights 11 ounces ----- \$5.00



#### LEATHER BUCKSKIN GLOVES

Are especially suited to climbing and outdoor wear because they are soft, supple, and long-wearing. They dry soft after being wet. The leather in these gloves is scuffed and not suitable in appearance for dress gloves, but is excellent for outdoor wear. Blemishes do not impair wearing quality. Send correct size by measuring the open hand around the knuckle joints, not including the thumb.  
Weight 3 oz. Send hand outline. \$4.00



#### BALACLAVA WOOL CAPS

Scotch made brushed wool caps popular among mountaineers for winter-long use skiing, hiking and climbing. Comfortable caps when folded up, they give complete protection for neck, ears, and forehead when pulled down. Available in olive and fawn ----- \$2.95

### STIL-LONG FINE WOOL UNDERWEAR

Of all underwear, STIL-TOPS and STIL-LONGS are the supreme first quality in soft wool knits. Made to perfection in Norway, these pieces are handsome in fit. The tops have turtle necks for the ladies, crew necks for the men. Pants are amply long with elastic waist, trim fit.

STIL-TOPS for ladies, light blue, small, medium, and large. Weight 10 oz. ----- \$8.00

STIL-LONGS for ladies, light blue, small, medium, and large. Weight 8 oz. ----- \$7.00

STIL-TOPS for men, navy blue, small, medium, large, ex-large. Weight 10 oz. ----- \$8.00

STIL-LONGS for men, navy blue, small, medium, large, ex-large. Weight 8 oz. ----- \$7.00



# Packs



**HOLUBAR CONTOUR PACK** is an excellent day pack and climbing pack. Tear drop shape is contoured to fit close to body. Two zip pockets distribute load evenly. "D" ring suspension and wide leather straps assure comfortable carrying. Aluminum hauling ring and smooth outside make for easy hauling and trouble free climbing. Waist strap, accessory strap holders on bottom, and ice axe carrier. Choice of red or blue color, water repellent nylon duck.

Regular size pack 17" x 6" x 12"  
With double nylon bottom, weight 10 oz. \$11.00  
Large size pack 19"x17"x16"  
With double nylon bottom, weight 14 oz. \$16.00  
With leather bottom, weight 22 oz. \$18.00

**LA FUMA KNAPSACK** serves as a child's pack, a small climbing pack or a light day pack. It becomes uncomfortable, however, with a load over 10 pounds. It is cotton duck, with two pockets and "D" ring suspension. ----- \$4.50

**KARRIMOR ALPINISTE** is an ideal weekend and climbing pack, 22" deep. One of the best hauling packs available, it has a detachable cover flap for minimum danger of pack catching on rock. Well positioned nylon hauling loop allows pack to be hauled in vertical position. Top grade heavy leather bottom and shoulder straps with "D" rings for carrying hardware, hammer loop, ice axe carrier, and crampon-rope carrier. Zip pocket for maps. Water-proof nylon bivouac sheet available to snap to sack and pull up over legs and feet for bivouac. Alpinist will hold Down sleeping bag, cook gear, food, and enough clothing for two and three day trips.  
Weight 3 lb. 2 oz. ----- \$23.50

## PACK ACCESSORIES

### KELTY NYLON ACCESSORY STRAPS.

36" straps for attaching sleeping bags, tents, etc.  
Weight 2 oz. ----- \$ .80 per pair

**SHOULDER PADS.** Nylon covered 10" long foam pads slip over straps up to 2 $\frac{1}{4}$ " wide.  
Weight 1 $\frac{1}{2}$  oz. per pair ----- \$2.25

## THE INCOMPARABLE

**KELTY Pack**

### THE KELTY MOUNTAINEER FRAME

(Packframes are furnished fully equipped with backbands, shoulder and waist straps)

Size	Fits:	Weight	Dimensions
Small	To 5'3"	35 oz.	14½x27
Medium	5'3"-5'7"	36 oz.	14½x29
Large	5'7"-5'11"	38 oz.	15½x31
Extra Large	over 6'	39 oz.	15½x32½

(Add 2" to your height if "long waisted."

Subtract 2" from your height if "short waisted."

Add 3" if you are a growing boy.

Add 2" if you are a growing girl.)

Price — Frame only (all sizes) \$23.75 PRICES — A2—\$21.50 B4—\$21.50 A4—\$25.75 BB5—\$29.75 B2—\$17.75

### KELTY ALL-NYLON PACKBAGS

Pack bag sizes shown fit the corresponding frame sizes. Nylon used throughout. 6.3 oz. fabric, Zelan treated for water repellency. All seams lock stitched. All parts "Hot cut" to avoid raveling. Available in olive green or red.

#### MODEL

2 Pockets	Size	Weight	Volume	L	W	Top	Bot	C
Lower Zipper	A2	Small Medium	16 17	1960 2090	16½ 18	14 14	8½ 8½	5½ 5½
Compartment		Large	19	2580	20	14	9	6
2 Pockets	B2	Extra Large	20	2760	22	15	9	6
Single	B2	Small	14	1960	16½	14	8½	5½
Compartment		Medium	15	2090	18	14	8½	5½
Bag		Large	17	2580	20	15	9	6
4 Pockets		Extra Large	18	2760	22	15	9	6
Single	B4	Small	16	2110	16½	14	8½	5½
Compartment		Medium	17	2270	18	14	8½	5½
Bag		Large	19	2810	20	15	9	6
5 Pockets		Extra Large	20	2990	22	15	9	6
Single	BB5	Medium	23	3090	18	14	9¾	6¾
Compartment		Large	25	3680	20	15	10¼	7¼
Bag		Extra Large	26	3890	22	15	10¼	7¼

Weight in ounces — includes packbag fittings (Hold-Open Frame, pins and wires)

Volume in cubic inches — includes capacity of pockets

Dimensions, in inches, are approximate

STRAPS FOR ATTACHING SLEEPING BAG TO PACKFRAME ARE FURNISHED WITH EACH PACKBAG. ALL BAG-TO-FRAME FITTINGS INCLUDED

Model A4 is equipped with four outside pockets.

Upper and lower pockets: 2¾ x 5½ x 7½ — 9" zipper



#### PERFECTION IN DESIGN MATERIALS AND WORKMANSHIP

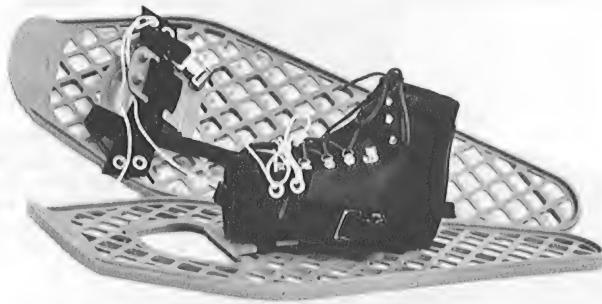
- 1 Individual SHOULDER STRAPS offer three shoulder positions. Positive attachment to pack-frame at shoulder-bar is an important design feature and prevents left and right shifting of the pack when using waist strap suspension. Tabler buckler allows easy adjustment of strap length while hiking. Friction-slide locks at any desired length. Padded section of shoulder strap is free-pivoting and made of a high-tensile tubular nylon fabric which fully encases a wide pad of poly-vinyl sponge — comfortable, strong, sweat-rot proof.
- 2 Five-inch width, 3000 lb. test nylon BACKBANDS with 5" spreader strips to guarantee full-width tensioning. Upper backband maintains a cooling clearance between pack and hiker's back. Lower backband, duplicating this section, also supports a share of the pack load when using waist strap suspension. Secured to the frame, it cannot shift upwards under load.
- 3 600 lb. test nylon TIE-CORDS, two per backband, are self-locking — tension adjustment is quick and simple. Two-cord method of tightening is essential: it permits upper and lower areas of backband to be tensioned independently, thereby fitting body contours.
- 4 Heavy duty, 4000 lb. test 1½" nylon web WAIST STRAP with free-pivoting attachment to packframe. Quick, positive spring-loaded buckle. Waist Strap can be adjusted easily while hiking.
- 5 Hardened aluminum alloy CLEVIS PINS with STAINLESS STEEL FASTENERS are used to secure packbag and all packframe components. Permit easy adjustments, installation or removal.
- 6 Tubular aluminum HOLD-OPEN FRAME. Maintains packbag profile. Result: Increased pack efficiency, easier stowage and removal of contents, neat pack appearance. Since the Hold-Open Frame assumes a share of the packload, packbag perimeter is reinforced against wear with an additional ply of nylon.



### SNO-TREADS

A new concept of snowshoes, these SNO-TREADS are made of tough polypropylene resins, which are not brittle at sub zero cold. Carefully engineered for wear, the design includes special ribs to give rigidity. Snow does not stick, and the TREADS require no upkeep. Non-slip nylon binding fastens to a durable tough hinge that allows free walking. Sturdy, quick-release buckles and husky adjustment laces insure secure fit. Lightweight, one-year replacement guarantee. Weight about 2 3/4 lbs. per pair.

Price per pair with bindings, postpaid **\$16.00**



**KIDDY PACK** has new "FEATHERFLOAT" suspension, with foam padding across entire shoulder and under frame. Seat height is adjustable with storage room underneath for diapers, bottles, etc. Washable. Wt. 22 oz. **\$16.00**

**DELUXE KIDDY SEAT** has two-ply duck contour seat, padded nylon shoulder straps, and heavy cotton backband. Cantilever frame provides comfortable ride for babies 5 months - 3 years old. Washable. Weight 16 oz. **\$13.00**

**CARSEAT ADAPTER** securely anchors Kiddy Seat or Kiddy Pack in car to make safe, comfortable carseat. Weight 5 oz. **\$3.00**





## DOWN CLOTHING

by HOLUBAR

### EXPEDITION PARKA

Designed for complete protection against the most severe wind and cold, this parka is in extensive use in the Polar regions and on the world's highest mountains. 11-A Ripstop Nylon, tough enough to stand abuse, with 5"-wide "V" overlapping channels throughout body and sleeves, holds the 22 oz. AA goose down at a uniform thickness of about 3". In regular use in Antarctica, this parka proves itself to be warm at -60°F. Special attention to freedom of movement and correct hood fit go into the design. Adjustable closure at wrist permits ventilation during mild temperatures. Hood has face tunnel that snaps back when not in use. Heavy-duty snaps close the front along with #10 double pull nylon zipper. Waist drawstring included. Long body of parka has elastic bottom. Two down-filled pockets with velcro flaps. It serves as a sleeping bag when combined with half-bag or **Convertible Pants**. Available in red or blue in all sizes. Weight is about 2 lbs. 8 oz. with #6 carry bag (included). We invite comparison with any others made.

Parka as described	\$85.00
Wolf fur ruff on tunnel	\$10.00
Wolverine fur ruff	\$20.00

**EXPEDITION CONVERTIBLE PANTS, EXPEDITION MITTENS AND EXPEDITION OVERBOOTS SHOWN IN DETAIL ON PAGE 22**

### NP 22 COLORADO PARKA

Where an extremely abrasion-resistant outer fabric is desired, and where weight and bulk are of relatively less importance, the COLORADO PARKA is available with sage NP 22 outer fabric and avocado supernal inner. Especially for hunting and outdoor work, this version is excellent. S, M, L, XL  
Weight about 2 lbs. 8 oz. with #6 carry bag included \$65.00

### COLORADO PARKA

The ideal parka for mountaineering with great warmth in severe alpine cold and wind. Warm to -30° in winds 20-30 mph. 11-A Ripstop Nylon for reduced weight but high rip strength and abrasion resistance. Fine balloon Ripstop Nylon for inside layers in this 4-layer off-set channel construction, with a down thickness of about 3 inches. AA goose down. Double row of heavy-duty snaps with four-inch overlap assures adjustable, warm closure. Extra long sleeves close at wrist with adjustable elastic cuffs. Draw-string with elastic at bottom. Length is very long and comes well over hips. Down-filled hand-warmer pockets close with snaps. Parka combines with half-bag to make a light sleeping bag. #5 carry sack included. Blue and Red.  
Weight, about 1 lb., 14 oz. ----- \$58.00

**COLORADO DOWN-FILLED PANTS AND SNAP ON HOOD SHOWN IN DETAIL ON PAGE 23**

#### ABOUT THE HOLUBAR COLORADO DOWN PARKA

"It is a superb garment, and I have just returned with it from four months of hiking, climbing, and traveling in the Nepal Himalayas, with the Sierra Club, and across six thousand miles of Siberia. In Nepal, we hiked six hundred miles by foot. The temperature in Siberia reached forty below, but your jacket and hood kept me easily comfortable with little underneath. Your jacket has literally been admired around the world, and the Russians thought I was an astronaut!"

JAMES M. NELSON  
Godfrey, Illinois

**FOR PROPER FIT. State your height, weight, sleeve length, and suit coat size.**



## WILDERNESS PARKA

The outside is of our excellent and tough, abrasion-resistant brown NP 22, inside orange 4-ply Supernyl Reversible. Closure with two rows of snaps, fastens with 3" overlap. Two 6" x 8" pockets on each side of reversible jacket inside breast pocket with snap flap closure. Weight 24 oz. Warm to about 0 degrees.

Sizes: Small, medium, large, X-large ----- \$45.00

## ROYALIGHT VEST

Insulates more effectively than two bulky wool sweaters. Provides about 2 inch thickness of goose down. Amply cut for freedom and warmth. About 25" long with comfortable 3" down-filled roll collar. Adjustable elastic drawstring at bottom. Covered zipper closure. Blue 11A fabric. Also wear under your climbing parka or hunting jacket or in your sleeping bag for extra warmth. Size: S, M, L, XL. #8 stuff sack included.

Weight about 9 oz. ----- \$17.00

## EAST FACE JACKET

Narrow down-filled channels about 1" thick provide great warmth with minimum weight and packed bulk. Carry it along on all your trips and enjoy immunity from the weather. It fits into your pocket but, when released, its thick layer of down insulates better than several heavy sweaters. Wind-tight 4-Ply Supernyl nylon outside and in, with down-filled collar. Covered zipper closure. Elastic at wrists; adjustable elastic drawstring at bottom. About 8 oz. AA goose down. Two Patch pockets. Body length about 28" #8 stuff bag included. Sizes: Small, medium, large, X-large.

Navy, Red, Avocado, Forest Green, Brown.

Weight 18 oz. ----- \$30.00

## EAST FACE DOWN HOOD



East Face Down Filled Hood to match, snaps to band behind collar. Wt. 4½ oz. ----- \$8.00

## LONG VEST

For wear by itself or under a long jacket, the zippered, collarless vest has many uses.

Outer fabric is blue 11-A ripstop nylon. Inside is Blaze orange supernyl for emergency or hunting use. Insulation of Prime Goose Down maintains 1" thickness throughout.

Two patch pockets on outside for plenty of "storage" space. S, M, L, X large  
Weight 11 oz. ----- \$25.00



## DEEP POWDER PARKAS

Classic down-filled ski parka with 4-ply nylon shell. A tight, water-repellent, wind tight nylon. Lining is quilted 4-ply nylon with about 8 oz. finest goosedown. Elastic at cuffs. Two outside zipper-pockets. One inside Velcro-closed keeper pocket. Hood is attached and rides inside back of down-filled collar. Inside waist draw-string. Outside belt with brass anchor buckles rides inside belt loops. Double sliders on front zipper opens from bottom as well as top. All zippers, brass. Functional handsome styling, durable for much wear, and always warm. Colors: Navy, berry red, soft orange, black, wine, brown, gold, avocado.  
Weight about 2 lbs. \$60.00

Ladies' Sizes	Men's Sizes
Size 1 (dress size 8, 9)	Size 4 (chest sizes 36-38, sleeve, 31-32)
Size 2 (dress size 10, 11)	Size 5 (chest sizes 39-41, sleeve, 33-34)
Size 3 (dress size 12, 14)	Size 6 (chest sizes 42-44, sleeve, 35-36)
Size 4 (dress size 16, 18)	Size 7 (chest sizes 45-46, sleeve, 36-37)

### FOR CHILDREN

Exact miniature of the Deep Powder Parka with inside draw string, no outside belt. Sizes 6, 9 and 12 years. Colors: Berry red and navy.  
Weight 1 lb., 4 oz. \$29.00  
Down Filled Snap on hood \$ 8.00

## Ladies' SVELTIC SKI PARKA

Tailored with contours, svelte, chic lines, the SVELTIC combines fine, classic styling with warmest down filling. The fabric is dense, water-repellent, 4-ply nylon inside and out. This handsome fabric is both tighter against weather and more durable than 2-ply nylon. Greatest warm is achieved by fine goosedown quilted between inside and interlining throughout body, collar, and sleeves. Elastic at cuffs. Hood is attached and hides handy in collar. One inside Velcro-closed pocket and two outside zipper-closed pockets at most convenient angle. Long body length closes draft-free with 28" double-slide zipper, that opens from the top down or from the bottom up. Eight-fold fabric, double corded, covers the warm zipper. Colors: Navy, berry red, wine, black, gold.  
Weight about 1 lb. 10 oz. \$60.00

Ladies sizes:  
1 (dress size 8, 9)  
2 (dress size 10, 11)  
3 (dress size 12-14)

## HOLUBAR SKI WARM-UP PANTS

Trim and sleek, these insulated "over-pants" keep the skier warm on cold, windy days. They are popular for many winter sports and for spectators as well. The sleek appearance is produced by a combination of 4-ply suprnyl nylon shell and curon Foam, laminated to the 4-ply nylon lining. Full separating double zippers along outseams are insulated with a flap of double laminated nylon. Vinyl-type inseam guard on ankle. Elastic in belt and in cuffs for correct fit. Black, Navy, Wine and Loden.  
Weight 13 oz. \$27.00

	SIZE	WAIST (in.)	INSEAM (in.)
WOMEN	1	22-24	24
	2	24-26	28
	3	26-28	29
MEN	4	28-30	28
	5	32-34	29
	6	34-36	30



## DAKOTA HUNTER

New this year, the Dakota offers the finest in features and quality.

Shell is tough, windproof, and water repellent charcoal brown NP-22. Lining is 4-ply Avocado Supernyl. Insulation 100% Prime Goose Down, rating this jacket to 20 degrees below zero in winds.

Two large bellows type patch pockets for plenty of gear, and outside chest patch pocket. Also features inside, concealed, velcro closed breast pocket and inside waist drawstring.

Emergency hood, a permanent part of jacket, rolls into collar. Optional Down hood (shown) is for most severe weather. Extra large game pouch is completely lined with urethane coated waterproof Nyl-port.—Unsnaps to any width opening. Sizes S, M, L, XL.

Weight approx. 3 lbs. \$75.00  
Matching Down Hood for Dakota Hunter \$10.00

## Holubar Mountain Parka

FOR COMPLETE DESCRIPTION OF THIS CLASSIC GARMENT, SEE PAGE 21

## HOLUBAR "SUPERSUIT"

New this year, the supersuit will take on all "comers" in proving its name!

Outside is Sage Green NP-22. Lining is Avocado 4-ply Supernyl. Two separate layers of Down insulated construction allows no cold seams, uniform loft of 2" throughout.

Elastic cuffs with additional inner knit cuffs are draft and snow free. Elasticized waist in back, adjustable belt in front. Zipper runs full length of front, is double slider (zips top to bottom and bottom to top) and is covered with layer of Down insulation and snap flap.

Legs have full nylon zipper running up full length of legs, and backed by Down filled tubes. Suit can be put on easily when heavy boots are on. Cuffs have adjustable snap band for holding snug fit around ankle. Large Patch Pockets are zippered, with velcro closed flaps.

Snap-off Down filled Hood, Down filled collar and Wolf ruff provide maximum face and head protection. This is the "grandaddy" of the one piece suits

Weight 5 lbs. \$125.00



Copyright 1966 by Margaret Lamb.



## EXPEDITION DOWN MITTENS

Complete protection against Arctic cold. Extra dense AA goose down filling resists compression. Buckskin leather palm extends 1" beyond palm and thumb for extra wear. Hand can be placed against leather or withdrawn behind layer of down-filled cuffs. Fur strip for nose wiping. Friction drawstring cuff closure and keeper loop. Tough 11-A Nylon. Overall thickness about 3½". Send hand outline. We feel these are the finest available. Red or Blue

Weight about 7 oz. ----- \$20.00

## EXPEDITION CONVERTIBLE PANTS

Against the most extreme cold and wind these versatile pants give complete protection. Leg extensions, which snap up when not in use, come down over feet and boots. Zippers insulated with down tubes and overlapping snap closures run down the inseams which can be joined to convert the pants into a warm half-bag. Pants go on easily over boots and crampons. Construction is 5"-wide "V" overlapping cannelles, holding the 20-oz. AA goose down at constant thickness of about 3". Tough 11-A Nylon inside and out stands up under abuse. Available in blue or red. #6 waterproof stuff sack included. State waist, inseam, and color. Weight about 2 lbs., 8 oz. ----- \$70.00



## EXPEDITION OVERBOOTS



Made to fit over boots to protect against snow and cold. Double construction Nylon Duck outside, NP 22 inside. Felt inner soles with leather bottom soles and leather sole edges. An "accordion" bellows tongue makes a good smooth fit over the boots and expands for easy on and off. Closure is designed for handy operation with mittens. The overboots are made down-filled for extreme cold. Three sizes, S—for boot sizes 7 through 9, M—boot sizes 10 through 12, and L—for boot sizes through 14, or large insulated boots are available. Height of overboots S, 17", M, 18", and L, 19". Please send boot outline when ordering.

**Overboots, regular, with felt insoles**

Weight 15 oz. ----- \$18.00

**Overboots, down filled, with felt insoles.**

Weight 22 oz. ----- \$28.00



## COLORADO HOOD

Expedition-type down-filled hood, warm to extremely low temperatures. 11-A Nylon with adjustable face tunnel. Hood snaps to band below collar to make complete closure. Blue and Red.

Weight about 5 oz.	\$10.00
Sage NP-22 Hood	\$10.00
With wolf fur ruff	\$20.00
With wolverine fur ruff	\$30.00

## COLORADO PANTS

A light-weight pant that is very warm for wear in extreme cold. Quilted construction with tough 11-A Nylon and 8 oz. AA goose down, has elastic waistband with draw-string ankle closure. Snaps along the inseams, insulated with down-filled tubes and snaps on the overlapped fly allow pants to be put on overboots and crampons, and to convert into a light short half bag. Stuff bag included. Blue and Red color. State waist and inseam.

Weight 1 lb. ----- \$35.00



## DOWN BOOTIES



For great warmth and soft foot comfort. Use in tent, sleeping bag, after skiing, or on mountain bivouacs. Thick down in sturdy nylon; elastic band at back of foot to keep them on. Pack into almost nothing. Send foot outline.

Weight 3 oz. ----- \$7.00

With split cowhide soles for extra wear.  
Weight 5 oz. ----- \$9.00

## DOWN MITTENS



Extremely popular for skiing and all cold weather wear, these tough 4-ply nylon mittens with down filling around the hand and in the long cuffs, keep hands warm. Buckskin palms stay soft in use and insure long service. Nylon loop at cuff for fastening against loss. Send hand outline. Black, Navy, Loden, Wine

Weight about 5 oz. per pair ----- \$12.00

## CAMP AIDS

### SWISS VICTORINOX

**KNIFE** The original and finest of the Army knives. The two stainless steel Swedish blades are extremely sharp and hold their edges. This model also has nail scissors, two regular and one Phillips screw drivers, bottle cap opener, can opener, file, awl, tweezers and toothpick. Knife also includes saw blade not shown in picture. With lanyard for tying a cord to prevent loss.

Weight 3¾ oz. ----- \$11.75



### WIRE POCKET SAW

Sturdy one-man saw is made of quality steel wire. Cuts wood efficiently and takes almost no space.

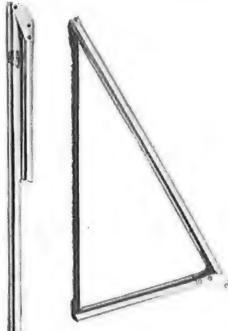
Weight about 1 oz. ----- \$1.85



**ZIP-SAW** Light-weight camp, back-pack, and canoe "Zip-Saw." A fast-cutting 25" charcoal steel blade folds safely into an aluminum tube which is part of the frame when assembled. This is the best saw of this kind that we have seen. Folds to a compact 26½" x 2½" x ¼".

Weight 12½ oz. ----- \$6.95

Replacement Blade with Hardware ----- \$3.00



**CUTTERS INSECT REPELLENT.** Absolutely the best. Extremely concentrated and long lasting. Plastic squeeze bottle.

Weight 1¾ oz. ----- \$1.49

**CAMPER KNIFE** —Swiss Army Knife made by Victorinox. Includes two knife blades, can and bottle openers, cork screw, awl, and lanyard clip. Weight 3 oz. ----- \$7.25

## EMERGENCY ITEMS

**SUN STILL** Emergency survival kit for obtaining water in desert areas. Contains plastic equipment and directions for catching 1 to 2 quarts water consensed from atmosphere in 24 hours.

Weight 6 oz. ----- \$2.50

### SHIRT-POCKET RESCUE BLANKET

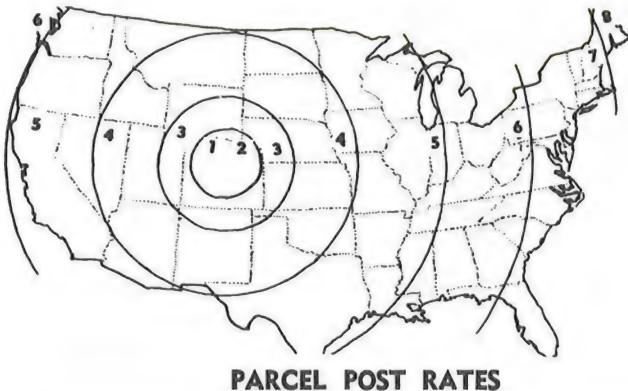
Warm, wind- and water-tight 56" x 84" blanket made of metallized poly-ester to reflect the heat given off by the body. Stores in the size of a pack of cigarettes. Strong enough to serve as emergency litter for an injured man. Silver on one side, orange on the other.

Weight 2 oz. ----- \$3.00



**CUTTERS SNAKE BITE KIT.** Includes three suction cups, antiseptic, lymph constrictor, and knife blade. Important for all snake-country traveling. 1" diameter x 3".

Weight 1 oz. ----- \$2.95



**PARCEL POST RATES**

Weight 1 lb. and not exceeding	ZONES							
	Local	1 and 2	3	4	5	6	7	8
2 lbs. --	\$0.50	\$0.60	\$0.60	\$0.65	\$0.70	\$0.80	\$0.85	\$0.90
3 lbs. --	.50	.65	.70	.75	.85	.95	1.05	1.15
4 lbs. --	.55	.70	.75	.85	.95	1.10	1.20	1.35
5 lbs. --	.55	.75	.80	.90	1.05	1.25	1.40	1.60
6 lbs. --	.55	.80	.90	1.00	1.15	1.40	1.55	1.75
7 lbs. --	.60	.90	.95	1.10	1.30	1.50	1.75	1.95
8 lbs. --	.60	.95	1.00	1.15	1.40	1.65	1.90	2.15
9 lbs. --	.65	1.00	1.05	1.25	1.50	1.80	2.05	2.35
10 lbs. --	.65	1.05	1.15	1.35	1.65	1.90	2.25	2.55
11 lbs. --	.65	1.10	1.20	1.40	1.75	2.00	2.40	2.75
12 lbs. --	.70	1.15	1.25	1.50	1.85	2.15	2.55	2.90
13 lbs. --	.70	1.20	1.35	1.55	1.95	2.25	2.70	3.10
14 lbs. --	.75	1.25	1.40	1.65	2.05	2.40	2.85	3.25
15 lbs. --	.75	1.30	1.45	1.75	2.15	2.50	3.00	3.45
16 lbs. --	.75	1.35	1.55	1.80	2.25	2.60	3.15	3.60
17 lbs. --	.80	1.40	1.60	1.90	2.35	2.75	3.30	3.80
18 lbs. --	.80	1.45	1.65	1.95	2.45	2.85	3.45	4.00
19 lbs. --	.85	1.50	1.75	2.05	2.55	2.95	3.60	4.15
20 lbs. --	.85	1.55	1.80	2.10	2.65	3.10	3.75	4.35

All merchandise is sent to meet your satisfaction. If you do not wish to keep an item, return it promptly, and a full refund will be issued to you.

## MAILING INSTRUCTIONS

Use the enclosed order form if possible. Write in the last column the weights given in the description. Total these and add 1 lb. for packing. Books are sent prepaid. For order sent within Colorado, add 3% sales tax. Consult the postage map and chart to estimate shipping. Any excess will be refunded promptly.

All orders are normally shipped the day they are received, unless an item is temporarily out-of-stock, or a special made-to-measure product is requested.

We request a \$10.00 minimum charge for all special pattern and cutting work on orders that specify modifications to standard designs or sizing features on any product, as it involves considerably more time and labor.

Please answer all information on the enclosed order form regarding sizing information, as this insures a proper fit.

Please include a money order or check with your order. C.O.D. shipments are costly to the customer, so if you desire especially fast service, please wire the money and order to us.

"The Holubar Royalight tent ordered approximately two weeks ago has just arrived, and I just want you to know that it is a superb piece of equipment and that I am tremendously pleased with it."

KIRBY L. TURNAGE, JR.  
Athens, Georgia

"I wish to express my thanks for the pair of Voyageur boots received several days ago as a replacement for the too small pair received earlier. Your action was even more generous than I had hoped for and is proof of the value of dealing with companies of the quality and reputation association with Holubar."

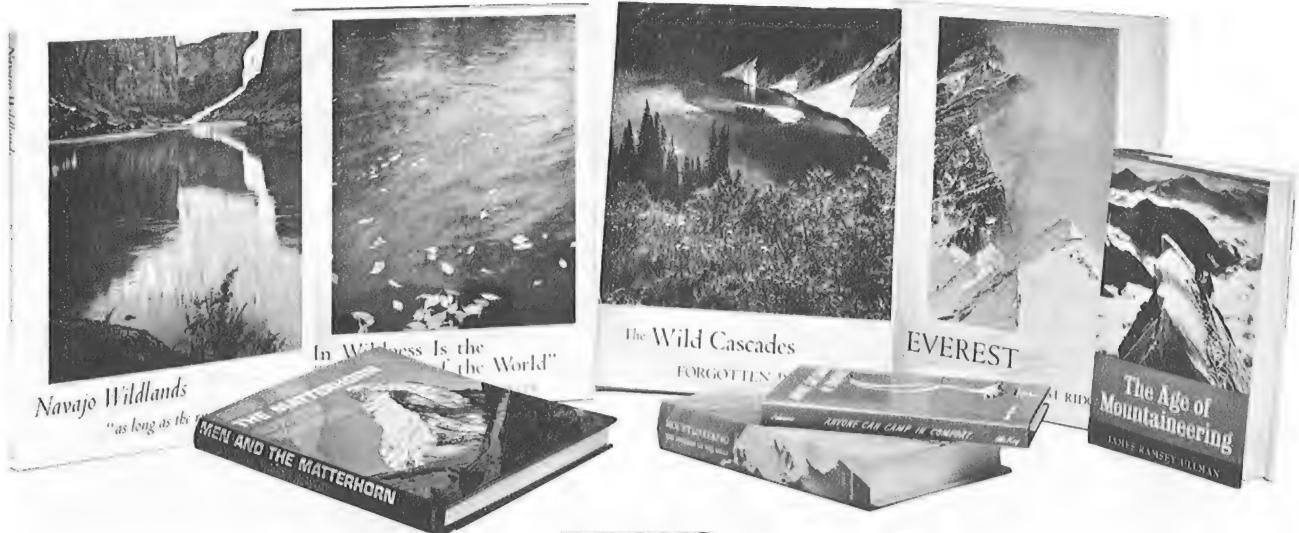
GERALD C. GERLOFF  
Madison, Wisconsin

"I would like to express my satisfaction with your fine service. I wrote to you asking for an order of pitons and Klettershoes to be sent within a week and a half if possible. I received my full order in just over a week with a refund for over-payment. Your honesty was impressive."

ROBERT SCHAEFFER  
Seattle, Wash.

"Having now been stationed on the Antarctic Continent with the U.S. Navy's Operation Deep Freeze since early October, I have had a chance to extensively test your new "Royalight Expedition Ultimate" sleeping bag. The bag has been used on numerous occasions, including an ascent of 13,280' Mt. Erebus. As Survival Officer with Antarctic Development Squadron Six and as Head Instructor of the Antarctic Survival School, I have used the Royalight "Ultimate" in all types of conditions and shelters. The temperature here has ranged from -70 degrees to +40 degrees for the last six months, and the bag has been used at the colder as well as the warmer ones. On each occasion a Polyurethane pad was used under the bag and minimum clothes worn within. The "Ultimate" was also equipped with the Karakoram Collar. I can say without reservation that this is the finest and warmest sleeping bag I've ever slept in! The Royalight "Ultimate" was as warm at -45 degrees as at +20. The Karakoram Collar is definitely a worthwhile investment for anyone contemplating the use of this bag on high-mountain expeditions or in extremely cold weather conditions. The weight of the bag, only about five pounds, makes it ideal for expedition use. The "Ultimate" becomes somewhat warm at about +35 degrees."

Lt(j.g.) DICK SPRINGATE  
NAS Quonset Point, R.I.



## BOOKS

**ACCIDENTS IN NORTH AMERICAN MOUNTAINEERING** is published annually by the American Alpine Club and summarizes and analyzes climbing accidents occurring during the past year. Also includes articles on equipment tests.

Current Issue ..... \$ .75  
Back Issues ..... \$1.00

**ASCENT** is the mountaineering journal of the Sierra Club. This annual publication includes articles on climbing technique by today's foremost mountaineers, and also many picture essays, with photographs measuring up to the Sierra Club's respected standards. Current issue \$2.50. For subscription information write:

Sierra Club  
Mills Tower  
San Francisco, California  
94104

**THE AMERICAN ALPINE JOURNAL** published annually by the American Alpine Club with detailed accounts of noteworthy ascents and news from the mountains of the world. Copies from 1948 to 1965 (in June). None for 1951 and 1952. Per copy ..... \$5.00

**AMERICANS ON EVEREST.** This is the official account of the ascent led by Norman Dyhrenfurth. It is written by James Ramsey Ullman, who was the historian, together with other members of the expedition and deals with the many aspects of the climb. It is illustrated with photographs in color and black and white. .... \$10.00

**MOUNTAIN OF MY FEAR** by David Roberts, one of our finest expedition climbers, is superb. In sincerity, depth of insight, ability to convey a tremendous experience on Mt. Huntington, this book excels. Vanguard Press ..... about \$5.95

**BASIC MOUNTAINEERING** edited by Henry I. Mandolf. Published by the San Diego Chapter of the Sierra Club, this little book is a brief, general treatment of a wide range of basic subjects. Chapters on cooking, first aid, winter travel, rock climbing, and many other topics ..... \$2.00

**STARLIGHT AND STORM**, by Gaston Rebuffat, is another in the series of the famous guide's expressions of appreciation of the mountains and the perspective of living they provide for him. Vivid photography and dramatic text relate Rebuffat's experiences on some of the Alps' most famous climbs ..... \$7.00

**BE EXPERT WITH MAP AND COMPASS** by Bjorn Kjellstrom. A handbook with training instruction for becoming skilled in this field, so essential to mountaineering ..... \$2.95

**BETWEEN HEAVEN AND EARTH** by Gaston Rebuffat with 8 plates in full color and 104 in monochrome, this splendid book gives a vivid impression of the great Alpine traverses with their face and ridge climbing, the south face of the Aiguille du Midi, etc. ..... \$15.00

**SNOW AVALANCHES** by the U.S. Forest Service gives basic information about avalanches ..... \$1.50

**A CLIMBER'S GUIDE TO THE TETONS** by Leigh Ortenburger, who has a first-hand acquaintance with most of the known handholds and footholds in the Teton Range, America's favorite climbing ground. Skillful description of the routes, varying in difficulty from scrambles through the flowers, huckleberries, and talus to climbs on such places as the north face of the Grand. Beautifully illustrated with maps, diagrams, and photographs. About 200 pages. .... \$6.00

**CLIMBER'S GUIDE TO YOSEMITE VALLEY** by Steve Roper. Covers 250 routes with photos and drawings ..... \$4.75

**THE CLIMB UP TO HELL** by Jack Olsen is the account of the 1957 accident and events on the North Face of the Eiger which led to the deaths of three climbers and the steel-cable rescue of Corti, the fourth. This book is becoming a classic of its type ..... \$5.95

**THE CROSS-COUNTRY SKI BOOK** by Johnny Caldwell is devoted entirely to cross-country skiing as an ideal winter-time recreation for the entire family or as a competitive sport. Paperback ..... \$2.95

**SUMMIT MAGAZINE**, an excellent magazine containing a wide range of articles of interest to the hiker and climber. For a year's subscription send \$4.00 to SUMMIT Magazine, Big Bear Lake, California. Current copy.

**FROSTBITE** by Bradford Washburn tells about the nature of frostbite, how to prevent it, and how to give emergency treatment ..... \$1.00

**FUNDAMENTALS OF ROCK CLIMBING**. Clear and well-written, this booklet put out by the M.I.T. Outing Club for their members is a good beginners' manual. .... \$1.25

**MOUNTAINEERING HANDBOOK** is a good general introduction to all phases of climbing, including hiking, rock climbing, and winter climbing. Sections on equipment selection and snow and ice climbing are especially helpful. .... \$5.95

**GUIDE TO THE NEW MEXICO MOUNTAINS** by Herbert E. Ugnade. 37 maps and diagrams, many black and white and 4 beautiful color pictures. A complete and authoritative guide to the 75 named ranges of the Land of Enchantment. Sketches of the geological, archaeological, and recorded history; detailed description of routes from desert to timberline and above ..... \$3.95

**GUIDE TO THE WYOMING MOUNTAINS** by Orrin and Lorraine Bonney. A much-needed guide to this popular state. Separate sections on each range. Maps and aerial photos. Also sections on history, trip planning, safety, and river running. .... \$7.50

**HIGH OVER BOULDER, 1967**, by Cleve McCarty and Pat Ament. A comprehensive guide to the Boulder rock climbing area, with route descriptions, pertinent information on location and difficulty and pioneers of the climbs. A fine, sensitive appreciation of our handsome surroundings. Foothills panorama map, many photographs and drawings ..... \$4.75

**KNOTS FOR MOUNTAINEERING**, an improved version of the standard digest on knots. Good ideas on how to teach and remember them. Emphasis on safety. .... \$1.00

**NORDIC SKIING** by Michael Brady. A practical, authoritative and enthusiastic booklet for learning the technique of touring in grand cross-country skiing, its equipment, waxing, and clothing. Excellent illustrations. Mr. Brady has spent many winters carrying on this sport in Norway. .... \$2.00

**ON SNOW AND ROCK** by Gaston Rebuffat. Written with reverence and love for the mountains that he knows so intimately, Rebuffat tells what he has learned in his tremendous experiences climbing on Mt. Blanc and on many other ascents. This book with superb photographs is a book of illustration, showing technique in clarity and detail ..... \$12.50

**MANUAL OF SKI MOUNTAINEERING**, edited by David Brower. Long awaited by climbers, this book contains chapters on warmth, waxes, travel, shelter, first aid, among others. A number of new photos. Published by the Sierra Club ..... \$4.75

**MOUNTAIN RESCUE TECHNIQUES** by Wastl Mariner. An English translation of the standard European work on the subject. A practical handbook, updated for use in America. Officially adopted by the International Commission for Alpine Rescue and the Mountain Rescue Council. Paperback ..... \$3.50

**MOUNTAINEERING: THE FREEDOM OF THE HILLS** published by the Mountaineers of Washington State. This book represents years of experience by hundreds of mountaineers. Sections on equipment, camping, rock climbing, snow and ice climbing, safety, and mountain environment. A valuable book for all who go into the mountains ..... \$7.50

**I CHOSE TO CLIMB**, by Christian Bonington. Foreword by Eric Shipton. The Cima Grande, the Eiger, the Southwest Pillar of the Dru, Annapurna and Nuptse are some of the climbs described by this outstanding member of the new climbing generation, 43 photos. .... \$4.75

**JOE BROWN: THE HARD YEARS**, An Autobiography. British climbing's "hard man" engagingly relates his mountaineering experiences all over the world. Of special interest is his account of the Anglo-Russian expedition to the Pamirs which ended with the tragic deaths of Wilfred Noyce and Robin Smith. 42 photographs. .... \$5.95

**ROCK CLIMBERS IN ACTION IN SNOWDONIA**, by John Cleare and Tony Smythe. "This book . . . provides more of the *raison d'être* of rock-climbing than any other book I've seen. Its modest purpose is simply to present the climbing scene in North Wales, but so much of the experience comes through that any climber can readily identify it." ASCENT 1967. 39 photos. .... \$6.95

**MEN AND THE MATTERHORN** is one of Gaston Rebuffat's most beautiful books, chronicling his own and other's attempts to scale Europe's most famous mountain. A dramatic text and 118 photographs make this book a collector's item..... \$12.50

**MEDICINE FOR MOUNTAINEERING** is the only book available which carries the science of the diagnosis and treatment of climbing-related injuries beyond first aid. Included are sections on tissue injuries, environmental injuries, diseases, and medical supplies. Written by an M.D., the book includes many helpful drawings..... \$7.50

**ROPE, KNOTS, AND SLINGS FOR CLIMBERS** by Walt Wheelock. A new handbook which gathers together the basic information on ropes, slings, and knots. Clearly written, detailed and well illustrated. \$1.00  
**P.A.T.C. EQUIPMENT GUIDE** gives complete information on where to obtain equipment for back-packing, camping, and mountain climbing. Published by the Potomac Appalachian Trail Club ..... \$1.00  
**YOSEMITE VALLEY** by Ansel Adams. Thundering and whispering images of the first park to be set aside for the nation. Appendix on "Photography in Yosemite." 64 pages, 45 plates. Cloth \$7.95 Paper \$4.95

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**TIME AND THE RIVER FLOWING** by Francois Leydet. Over 100 timeless color photographs of Grand Canyon, the most magnificent of natural wonders ... \$25.00

**GENTLE WILDERNESS: THE SIERRA NEVADA**. Color photographs of the "range of flight" by Richard Kauffman, text from John Muir ..... \$25.00

**NOT MAN APART**, edited by David Brower. Photographs of California's storied Big Sur Coast, ingeniously set to the poetry of Robinson Jeffers. 96 plates, one-third in color ..... \$25.00

**EVEREST: THE WEST RIDGE** by Dr. Thomas Hornbein. Spectacular photographs, now given their full scope for the first time, by members of the American Mt. Everest Expedition. High adventure and human interest for all who enjoy the mountains. Color ..... \$25.00

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**NAVAJO WILDLANDS**—The tribal lands that cover some of the nation's most striking wilderness areas and are now threatened by possible strangulation of their life-giving rivers. This volume dramatically "captures the gothic mood of this wilderness and its basic element—stone." 72 color photos. .... \$25.00

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For those who would like to mat and frame prints from the Sierra Club Exhibit Format Books, we have sets of ten prints, 10 1/4" x 13 1/2". Sets are each \$2.95. They are available in the following titles:

**In Wildness Is the Preservation of the World**  
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**Time and the River Flowing: Grand Canyon**  
**Summer Island: Penobscot Country**  
**Everest: The West Ridge**  
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**EDIBLE NATIVE PLANTS OF THE ROCKY MOUNTAINS** is a complete guide to the location, recognition, and preparation of this region's edible plant life. A gourmet guide and survival manual, the book contains ver ymany painstakingly detailed drawings to help in identification and also recipes for appealing preparation of plants listed. .... \$8.95

**SIERRA CLUB EXHIBIT FORMAT** books are now available for the first time in paperback, in reduced size and abridged text. Paperback measures 6 1/2" x 9 1/2". Color reproduction is excellent for books this size. The following titles are available in paperback:

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**SUMMER ISLAND**  
**THE PLACE NO ONE KNEW**  
**TIME AND THE RIVER FLOWING**  
**IN WILDERNESS**  
**GENTLE WILDERNESS**

Each title is \$3.95

**BACKPACKING** is one of the most practical how-to books available covering all phases of backpacking. Outline text and tables cover equipment selection and preparation, menu planning, and weight allotments for minimum weight and expense. Very informative and interesting reading for both beginner and old hand. .... \$3.95

# About Sleeping Bags----

A good sleeping bag is a big investment. It is a purchase that should be made after careful consideration of many factors, as it is a purchase you should be happy with for many years.

Goose Down is the finest filling available for insulating sleeping bags, just as various nylon fabrics are the best materials available for constructing the bags. Many people make nylon sleeping bags filled with Goose Down. Many people make shoes, automobiles, clothing and countless other products, all varying in degree of quality. We feel we know how to make sleeping bags of the finest quality and we also feel we spend more time and effort making each bag. We use only prime Northern Goose Down. It costs us more, but it lasts much longer and keeps a bag in active use for years. We use Downproof nylon material selected for the best combination of qualities desired in each model of bag. We put as much effort into the inside construction of the bag, where it cannot be seen, as we do into the outside of the bag. People often buy nice looking automobiles only to discover later that the engine, transmission, or other "unseen" parts are not what they should be. To us the following points are important in selecting any sleeping bag. The points are not necessarily in order of importance; as in buying the automobile, you must have the combination of **all** the factors to insure the best purchase. If you eliminate any one point, you are compromising quality.

**DOWN.** It must be top grade Goose Down. Color is not important. Maturity of Down gives resiliency. Down from stronger, "outdoor" northern geese gives finest performance.

**FABRIC.** Nylon is the strongest for its weight. It should be soft, yet Downproof to eliminate "sifting" of Down through pores. It should be water repellent, yet allow good breathability" in allowing the moisture to escape from your body as you sleep.

**CONSTRUCTION.** Perhaps the greatest factor in performance. Down-filled sleeping bags must have compartments designed to hold the Down in place, keep it from shifting and causing cold spots. **Maximize the effectiveness of the Down, while at the same time minimizing the weight of the fill needed.** This compartmentizing is what determines the major price difference in bags, and also determines the efficiency and effective "life" of a sleeping bag. Buying Down bags by weight of fill alone is a terrible misconception. The cheapest construction of a bag would be to pack a poorly baffled or compartmentized bag with an over-fill of Down. We spend much time and labor on the inside of the bag where it really counts. We use Downproof, ripstop nylon for our baffle systems. Net is a bit lighter, cheaper, and easier to use. Some say it is better because it allows air to pass from channel to channel very easily. Downproof nylon also allows air to travel. It does not allow Down to travel or bunch, however, and we think this is the entire idea of compartmentizing. All baffles have rolled seams to eliminate ravelling. If you ever really want to see how much work and quality is in a bag, check the inside—the most important part, and the part no one usually ever sees, including the inside of ours!

As mentioned, the Down, fabric, loft, and exterior features are all important in deciding which bag is the best value for its intended use, but the unseen construction and engineering are truly the standards of quality.

- We make sleeping bags in increments of four inches, from 5'6" (measuring from top of front, or under the chin, excluding hood) to 6'6". This sizing feature, offered by us alone, assures you of a custom sized bag, large enough, yet not uselessly large to cause a cold foot end or unnecessary weight.

- We offer both full length left opening and right opening bags in every model. Any left opening Holubar sleeping bag, regardless of model or size, will zip to any right opening Holubar bag, regardless of size, to form a roomy, double bag. The bags will match at head ends, and any additional length of one bag extends at foot end. We have made improvements in our zipper construction this year, so customers now owning Holubar bags and wishing a new bag to zip to their old one can have their present zipper replaced by us to match the new bag. (Please write for further instructions and information.)

- The minimum temperature range quoted on each of our bags is **very conservative**. **We would rather build in a safety factor, allowing for the coldest sleepers, than to get a complaint.** We do not use maximum temperatures, or a "range" figure, as we do not believe a sleeping bag, built for cold weather, will be comfortable in high temperatures. It very honestly does not work that way. **We put double operating zippers in all of our bags so that the top can remain closed, yet allow the foot end to be opened any length for "ventilation"—a new feature we think is the biggest addition for flexibility.**

- Karakoram collars, for use in colder weather can be installed in any Holubar bag for a small additional charge (see page 34). The collar eliminates any possible drafts in the bag.

- All bags are fitted with snaps and ties for a liner, should you decide to order one with your bag at the time of purchase, or later. (See page 33).

- All sleeping bags are shipped with waterproof stuff sacks for packing.  
We invite questions concerning the construction and materials used in our bags, and hope you will do a thorough job of comparing with any others before buying.



#### **"ROYALIGHT IMPERIAL"** (Top Photo).

The same materials and construction as the "**ROYALIGHT**" with the addition of the following:  
Rectangular size produces a bag 33 inches wide to allow comfortable sleeping for those who find contoured bags confining. The **IMPERIAL** has the hood (used flat or drawn up by drawstring slider) as a part of its construction, and because of its unique zipper system, can be zipped together alongside any other opposite side opening Holubar bag, or opened completely out to form a queen-sized comforter.  
The zipper system is one 72" nylon double slider zipper along the full side of the bag, allowing the same ventilating as on all Holubar bags, and has another nylon zipper around the entire bottom end of the bag, and slightly over-lapping the side zipper, so that when both zippers are opened, the bag opens out completely flat. This double zipper system is found only in Holubar rectangular bags. Both zippers have large Down filled tubes to eliminate any cold spots. #3 size waterproof stuff sack included. Two **IMPERIALS**, zipped together, form a giant bed warm to zero degrees and below. Has 2 $\frac{3}{4}$  lbs. of AA Goose Down fill.

5'6" thru 6'2" weight about 4 $\frac{3}{4}$  lbs. — \$125.00  
6'8" bag, weight about 5 lbs. — \$130.00

**"EXPEDITION ROYALIGHT"** (not shown).  
The same basic construction and materials as the "**ROYALIGHT**," only having higher baffle tubes and more Down fill (3 $\frac{1}{4}$  lbs. AA Goose Down) producing higher loft. Conservative temperature rating on this bag is -30° F. #3 size waterproof stuff sack included.

Bags up through 6'2", weight about  
4 lbs. 8 oz. — \$118.00  
Bags over 6'2", weight about 4 lbs. 11 oz. \$122.00

#### **"ROYALIGHT" SLEEPING BAG** (Bottom Photo).

Continues to be named by independent rating groups as the best available for maximum warmth with absolute minimum weight and packed size. Warm to zero degrees and well below, it weighs about 3 $\frac{3}{4}$  lbs., depending upon length. Materials are Royal Blue 1.2 oz. French nylon outer, and 1.1 oz. ripstop nylon in the over fifty individual Down compartments with the six-inch "V" overlapping channels. The "channel block," honeycomb structure maintains constant Down thickness and prevents Down shift. Down is northern prime AA Goose Down.

Outer girth of about 66" in the torso (from shoulders through hips) and tapering to 46" at the flared foot end, the bag is contoured, yet not the least confining.

The hood can be left flat, or forms a hood by adjusting the leather sliders on the drawstring.

Two-way full length zipper allows bag to remain closed at top, yet opened at foot end for ventilation if desired. Zippers are #5 size nylon, and have locking, double sliders, large Down-filled tube backing.

Liner and cover fittings are complete in every bag, ready for liner and cover use if ordered with the bag, or ordered later.

Down filling varies, depending on length of bag, from 2 $\frac{1}{4}$  lbs. to 2 $\frac{3}{4}$  lbs. #2 size waterproof stuff sack included.

Bags up through 6'2", weight about  
3 $\frac{3}{4}$  lbs. — \$ 98.00  
Bags over 6'2", weight about 4 lbs. — \$102.00

**SEE PAGE 34 FOR INSTRUCTIONS ON ORDERING SLEEPING BAGS.**



**TIMBERLINE** (Top Photo). Our most popular sleeping bag because of its record of excellent performance in its category.

Shaped to an outer girth of 64" from shoulder and hips to 46" at oval foot end, the bag is contoured, yet very comfortable.

Full length double acting side zipper, backed by large Down tube, opens from either end for temperature control. Material is tough, sky blue 11-A ripstop nylon. Inner baffle construction all 1.1 oz. ripstop nylon.

Down fill of AA Goose Down varies from 2 lbs. 4 oz. to 2 lbs. 8 oz., depending on length of bag. Unique channel block construction assures uniform thickness in the six inch wide overlapping "parallelogram" cross sections. Warm to about 8 degrees. With no cold seams, Down is kept from shifting, and is allocated to each compartment by amounts as needed in each area of the bag. Adjustable hood can be left open, or drawn up around head in cold weather with leather sliders. #1 size waterproof stuff sack included.

Bags up through 6'2", weight about 3 3/4 lbs. **\$75.00**  
Bags over 6'2", weight about 4 lbs. **\$80.00**

**SEE PAGE 34 FOR INSTRUCTIONS ON ORDERING  
SLEEPING BAGS.**

### **PONDEROSA**

New this year, the  **PONDEROSA** combines the efficiency and lightweight of a backpacking sleeping bag, and offers the generous size of a fully rectangular bag.

The shell is tough 11-A ripstop nylon, the baffle system 11 oz. ripstop, and a side "channel block," as in the **TIMBERLINE**, controls the distribution of the 2 1/2 lbs. of prime AA Goose Down.

Warm to 10 degrees F. and below, the  **PONDEROSA** has a unique zipper system consisting of two #5 nylon zippers, allowing the bag to be opened in either direction the full length of the bag, or to be opened completely out, providing a very large Down comforter. Two  **PONDEROSAS**, when zipped together, form a double bed-size sleeping bag.—A waterproof #2 size stuff sack is included.

5'6" to 6'2", wt. about 4 3/4 lbs. _____	<b>\$ 95.00</b>
6'8", wt. about 5 lbs. _____	<b>\$100.00</b>

"I received my 2 zip-together extra girth Royalight sleeping bags. After a thorough inspection I'm happy to say that the construction and workmanship was perfect and I'm 100% satisfied."

WALTER K. DIETRICH  
Seattle, Wash.



**"DOUBLE TIMBERLINE"** (Top Photo).

Lighter, warmer and more compact than two single bags.

Construction is six inch wide overlapping channels with 3½ lbs. AA Goose Down fill.

Shaped to an outer girth of 93" in shoulder area, tapered to 61" at the oval foot end, the bag is comfortable for two people.

Material is soft French nylon outer shell, 1.1 oz. ripstop baffle compartments. Double action full length nylon zippers on both sides of bag allow either side to be opened from top or bottom for ventilating and temperature adjustment. #4 size waterproof stuff sack included.

5'10" (for people to 5'10" tall), weight about 6 lbs. \_\_\_\_\_ \$115.00  
6'4", weight about 6½ lbs. \_\_\_\_\_ \$125.00

**SEE PAGE 34 FOR INSTRUCTIONS ON ORDERING SLEEPING BAGS.**

**"ROYALITE ULTIMATE"** (Bottom Photo).

Made on a custom basis only, we sincerely feel this bag is the finest made. Anywhere. 135 separate, sealed compartments hold the Down in perfect distribution. 15 yds. of 1.1 ripstop nylon are used in the inner baffle system alone.

It takes one person over two hours to fill and close the Down compartments. A total of twelve man hours are spent in its construction.

Fabric is Blue, .75 oz. "Royal" ripstop nylon. Approx. 3 lbs. AA Goose Down fill. #3 size waterproof stuff sack included.

Double acting full length nylon zipper, over-sized Down zipper tube. Shape of bag is same as regular "Royalfight." Karakoram collar (see page 34) is standard on the "**ULTIMATE**."

Warm to -40° F and below, this sleeping bag befits its name, and has been chosen and acclaimed by the top arctic and winter expedition people. This is truly the "**ULTIMATE**."

**"ROYALIGHT ULTIMATE,"** weight about 5 lbs. \_\_\_\_\_ \$155.00



**TETON BAG** features six-inch overlapping channels and 1 lb. 12 oz. AA Goose Down. Comfortable for the average person to about 30°F.

Shape is tapered from 64" at the shoulders to 46" at the warm, oval-shaped foot end. The hood can lie flat or be drawn up as desired to cover head and face. Full length side zipper is insulated by a plump Down tube, and is double acting for ventilating and temperature control.

Material is green 11-A, 1.9 oz. ripstop nylon. Liner and cover fittings are provided in every

**TETON BAG** for adding a liner and cover. (Liners and covers ordered separately.) #1 size waterproof stuff sack included.

Bags up through 6'2", weight about

3 lbs. 12 oz. ----- \$60.00

Bags over 6'2", weight about 4 lbs. ----- \$65.00

**SEE PAGE 34 FOR INSTRUCTIONS ON ORDERING SLEEPING BAGS.**

### CHILD'S BAG



Same fine materials and construction as the **TETON BAG** but in sizes to fit children. Six-inch overlapping channels provide warmth to about 32°.

Shaped with 51" girth at the shoulder, tapering to 36" at the warm, oval foot end, the bag has a half length side zipper, insulated with corded edges of the bag and a plump Down tube. The fully adjustable hood extends 12" beyond the front top edge of the bag.

Material is tough 11-A ripstop nylon. Liner and cover fittings are complete in every child's bag. Liners and covers are ordered separately. #5 size waterproof stuff sack included. For children up to 60" tall, with 2 1/2 oz. AA Goose Down, weight 2 lbs. 7 oz. ----- \$45.00



Half bag shown  
in use with  
Colorado parka.

A short sleeping bag to serve as companion piece with a down-filled parka for extremely light camping, bivouacs, etc. Draw-string closure at top. Girth at hips is 52". Length of 52" extends to 60" in back for extra protection when sitting. This bag widely overlaps Holubar down-filled parkas and insures warmth. 6" overlapping tubes. AA goose down thickness about 2 1/2". 1 1/4-lb. down. Warm-oval-shaped foot. 11A nylon for tough wear, light weight. Red or Blue. #5 waterproof stuff sack included.

Weight 1 1/2 lb. ----- \$40.00

## SLEEPING BAG LINER

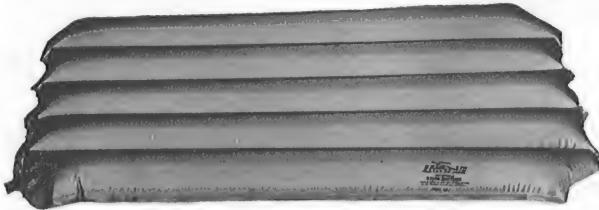
A liner keeps the inside of sleeping bag clean. Easily removable and washable, the liner eliminates damage suffered by down in cleaning solvents. Holubar liners snap securely on sides, foot and hood, to become integral part of bag. Fine ripstop nylon fabric provides minimum twisting, maximum durability; quick to wash and dry. Liners function independently and without interference in joined bags. All Holubar bags are equipped with liner fittings. To order, state Holubar bag model, length of bag, and whether zipper is left- or right-side. Liner weight, about 7 oz.

Liner for Royalight, Timberline, or Teton Bag without Karakoram Collar	\$10.00
Liner for same as above if bag has Karakoram Collar	\$12.00
Liner for Double Timberline Bag	\$20.00
Liner for Double Timberline with Karakoram Collar	\$20.00
Liner for Child's Bag	\$ 8.00
Liner for Royalight Imperial and Ponderosa	\$15.00



Illustration shows both liner and cover in use. In this combination, the liner fastens over the cover because the liner is the quicker to wash.

## HOLUBAR FOAM PADS



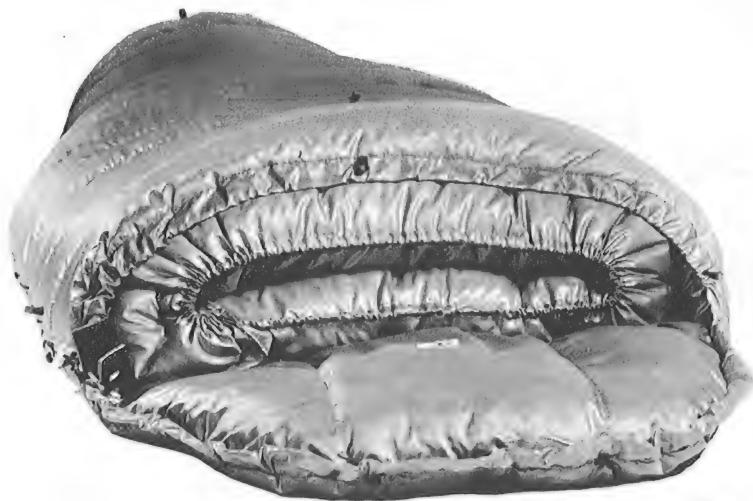
## NYLON AIR MATTRESS

For use when low packed bulk is necessary or when a bit more cushioning and support is desired. Tough rubberized nylon in five lengthwise tubes with two slightly larger outer tubes which cradle the sleeper. This 32 oz. air mattress is the lightest, most durable one we know.

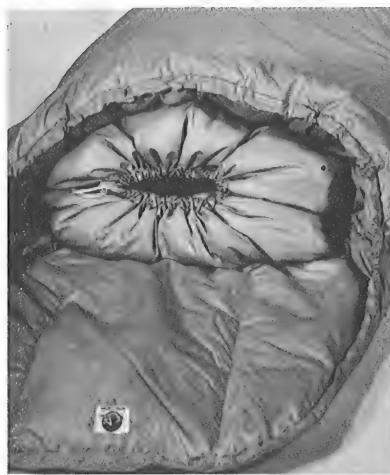
Backpacker: Deflated size 32" x 48"	
Wt. 32 oz.	\$ 9.75
Camper: Size 32" x 60"	
Wt. 41 oz.	\$11.25
Full length. Size 32" x 72"	
Wt. 47 oz.	\$12.50

For warmer sleeping and lighter packing, may we suggest our foam pads. Covered with Nylport to prevent water absorption this foam will not stiffen at low temperatures and retain its original thickness of 1½ inches in very low temperatures. Suitable for most users in any but the most extreme conditions where 2 inches thickness is recommended.

Length x width	Thickness	Approx Wt.	Stuff Sack Size	Price (Pad Only)
24 x 36	1½ in.	21 oz.	5	\$7.00
	2		6	8.00
24 x 54	1½	33 oz.	6	9.00
	2			10.50
24 x 72	1½	44 oz.	7	12.50
	2			13.50
Snap-on nylon duck carrying bag converts into a pillow (optional)				1.50



**Karakoram Collar  
snugs over shoulders.  
Hood draws closed.**



#### **WHEN ORDERING A SLEEPING BAG**

- Give the model of sleeping bag, your height, and if you prefer the zipper to be on your left or right while lying on your back. (Most right handed people prefer a left opening bag for ease of operation reaching across themselves, and left handed people vice-versa.)
- If you want zip-together bags, remember that one bag must be a left-opening and one must be a right-opening bag. Any two Holubar sleeping bags (excluding the **DOUBLE TIMBERLINE** and **CHILD'S BAG**) will zip together, regardless of model or length.
- If you now own a Holubar sleeping bag, and wish to order a new bag to zip to your present bag, please write us for more information, as you can return the present bag to us for any alterations needed.
- If you wish to order a liner or a cover for your bag (both items are separate from the cost of the bag), please specify your bag model, length, and whether it is a left or right opening. All of our sleeping bags are fitted with the snaps and ties necessary for securing a liner, so that if you wish to order either the cover or liner at a later date, you can simply supply us with the necessary information. As mentioned in the description of the liner, we feel this particular item is a very worthwhile investment, as it adds to the life of your bag, as well as the ease of the bag's upkeep.

**EXTRA DOWN** for greater warmth can be added to any Holubar bag at the time of manufacture. The inside dimensions of the bag are redesigned to permit loft of this extra Down. As mentioned in general text on construction, each construction design has a maximum fill capacity for optimum results. Should you desire this extra fill option, please consult us for advice. Add \$5.00 for each additional 4 ounces; \$5.00 service charge for adding Down to used bags.

Any Holubar Bag can be ordered with a **KARAKO-RAM COLLAR**, an independent closure that draws up over the shoulders as a "shawl" type collar—providing draft-free warmth without need for closing the hood. Particularly useful in double bags, and bags that zip together to prevent drafts between the two sleepers, and on mild nights when no head covering is needed. Collar draws up with soft leather sliders and fastens with Velcro Tape to allow you to fasten or unfasten it without fuss.

For **DOUBLE TIMBERLINE** Bag,  
weighing 6 oz. ----- \$24.00

## "STUFF" SACKS

Made of waterproof, urethane-coated nylon (K coat oxford Duck), these stuff sacks are for a multitude of uses. Although all of our sleeping bags and most of our Down filled jackets and parkas have a stuff sack included with them, most people find need for a couple more!

The following are the stuff sacks we use, their dimensions when laid flat, and their prices.

No.	Width & Length	Weight (Oz.)	Price
1	13½x23½	2 oz.	\$1.75
2	15½x24½	2 oz.	2.00
3	18 x26	2½ oz.	2.25
4	19½x30½	3 oz.	2.50
5	13 x16½	1½ oz.	1.50
6	15 x22	2 oz.	1.75
7	17 x18½	2 oz.	1.75
8	8½x14½	2 oz.	1.50
9	7½x25	1 oz.	1.50
10	7 x24	1 oz.	1.50
11	9 x28½	1½ oz.	1.50

# CLIMBING EQUIPMENT

## PITONS

### CHOUINARD PITONS NOW THE AMERICAN STANDARD

ALL ARE CHROME-MOLY STEEL EXCEPT WHERE ALUMINUM ALLOY IS INDICATED. NEW CHOUINARD PITONS WILL BE CADMIUM PLATED FOR CORROSION RESISTANCE.

A pamphlet on the use of Chouinard pitons is available on request.



	Thickness inches	Length inches	Weight oz.	Price
<b>BUGABOO OFFSET</b>				
KNIFEBLADE	3/32	1.4	1.5	\$1.50
THICK KNIFEBLADE	7/64	1.5	1.5	1.50
SHORT BUGABOO	1/8	1.5	1.5	1.50
LONG BUGABOO	5/32	3.5	3.0	1.50
<b>LOST ARROW HORIZONTAL</b>				
SHORT THIN	3/16	2.0	2.0	2.25
SHORT MEDIUM	1/4	2 1/8	2 1/4	2.25
SHORT THICK	5/16	2 3/8	2 1/2	2.25
LONG THIN	3/16	3 1/4	3	2.25
LONG MEDIUM	1/4	3 3/8	3 1/4	2.25
LONG THICK	5/16	3 1/2	4 1/4	2.25
LONG DONG	5/16	4 1/4	4 1/4	2.25
WEDGE	3/8	2 3/4	2 3/4	2.25
<b>ANGLE PITONS</b>				
WEDGE	1/2		1 3/4	1.25
WEDGE	5/8		2	1.25
STANDARD	3/4		3	1.35
REGULAR	1		4	1.40
REGULAR	1 1/4		4 1/2	1.50
REGULAR	1 1/2		5	1.75
<b>BONG ANGLES</b>				
STEEL	2		6	2.00
ALUMINUM	2		4	2.50
ALUMINUM	2 1/2		6 1/2	2.70
ALUMINUM	3		8	3.00
ALUMINUM	4		10	3.40



### STUBAI PITONS—SPECIAL PRICE

We are now offering our entire stock of Stubai pitons at a substantial price reduction. Stubai pitons are malleable carbon steel. They are easy to drive and convenient to use. Please specify type desired. Lengths available: Short, medium, and long. Thickness available: Medium and Thick. Styles available: Horizontal and vertical. Average weight 3 oz. All Stubai pitons **2 for \$1.00**

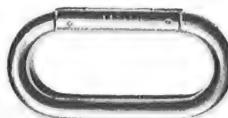
**DOLTPEGS™**  
Doltpegs™ are to our knowledge the strongest and most durable piton available today. Excellent design and materials. High nickel-content chrome-moly steel in Doltpeg™ yielded eye strength test result of 9982 pounds in test conducted in Boulder. Other tests have yielded 8000-9800 lb. breaking strengths, thus assuring Doltpeg™ life five to ten times longer than other chrome-moly pitons. They are beautifully tapered and mirror finished. Blades available in short, medium, and long, with thick, medium and thin tapers. Available on a limited basis.  
Average weight 4 oz. **\$7.95**

# CARABINERS

## HOLUBAR-EIGER DURAL CARABINER

—One of the country's most popular carabiners. The Eiger has a breaking strength of 2800 pounds. It will open and close under tension.

Weight 2 oz. ----- \$2.00



## CHOUINARD DURALUMINUM CARABINERS

The new model of this popular carabiner has been increased in strength with a breaking strength of 5200 pounds. Ideal for direct aid, will accommodate two etriers and gate will open under stress.

Weight 2½ oz. ----- \$3.50



## STUBAI LOCKING DURALUMINUM CARABINER

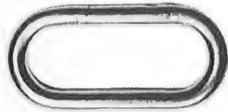
This new design has a breaking strength of 4800 pounds and a large gate clearance making it ideal for rappelling and rescue work. One of the few lightweight carabiners available with locking gate.

Weight 2¾ oz. ----- \$3.75



## STUBAI CARABINER

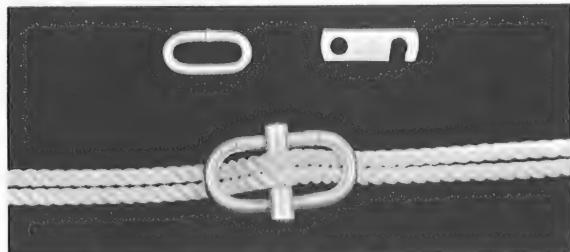
Steel oval. Test at 2800 lbs. ----- \$1.85  
With locking gate ----- \$2.50



# BRAKE BARS

**HOLUBAR DURAL BRAKE BARS**— Standard style brake bar for use in rappelling. Wide bearing surface with rounded surface avoids sharp bending of rope. Specify for Eiger and Bedayn or Stubai Oval carabiner.

Weight 1½ oz. ----- \$1.10



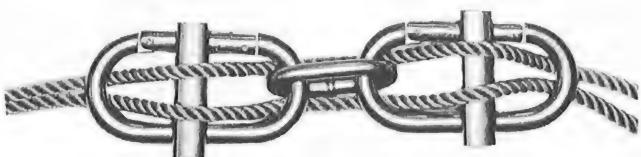
**DOLTBAR™**— This tubular hollow aluminum bar will not damage climbing rope even after extended use. Its large, completely round surface will not harm rope excessively even on fast rappels. It is the lightest brake bar available and may be used as a chockstone. Fits any American oval carabiner.

Weight ¾ oz. ----- \$1.75



**CHAIN LINK**— For connecting two carabiners in tandem. Tests 1700 pounds.

Weight 1¼ oz. ----- \$.40



**DESCENDING RING**— This stainless steel ring is 1⅓ inches in diameter and used with sling to construct a rappel anchor. Test strength average is 4500 pounds.

Weight 1 oz. ----- \$.60

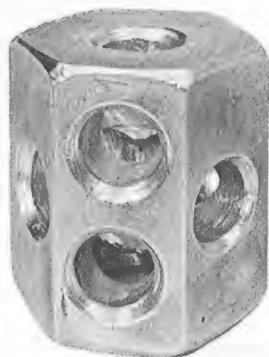
# CLIMBING NUTS

A British idea brought to this country only a few years ago, climbing nuts or chockstones have caught on rapidly. Many "new generation" climbers have as many nuts as pitons in their collection. Their advantages are that they are much lighter than pitons and much easier to place and remove.

## COLORADO NUT—HEXAGON FORM

This is the most popular type of nut today, all aluminum with a dual taper to allow placement in cracks of different sizes.

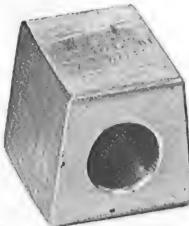
Diameter Inches	Weight oz.	Price
1/2	1/2	.60
5/8	3/4	.60
3/4	1	.75
1	1 1/2	1.00
1 1/4	2	1.25
1 1/2	4	1.75



## CLOGWYN WEDGES

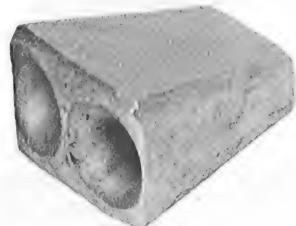
Wedge shaped for efficiency, these may be carried several to a sling. Average weight is under 1 ounce.

#1	1/2"	Narrow Shape	.60
#2	1/2"	Wide Shape	.60
#3	3/4"	Narrow Shape	.60
#4	3/4"	Wide Shape	.60
#5	1"	Narrow Shape	.60
#6	1"	Wide Shape	.75



## MOAC CHOCKSTONE

Although available in only one size, this cleverly designed dual taper aluminum alloy wedge fits most cracks, and will take a 7mm sling. Weighs 1 1/2 oz. \$ .95



## CABLE CHOCKS™ by Dolt

These utilize a spliced wire cable to replace a perlon or nylon sling on a small nut, breaking strength rises by almost 100 %, with a minimum claimed breaking strength of 3500 pounds. Additionally, the nut is easier to place and remove. To prevent accidental dislodgement, however, a runner of 1" nylon web should be used.

Dolt's cable nuts are dual tapered and well sized. All are quite small, but they come in assorted sizes. Please indicate whether you want your Cablechock™ very small, small, or medium. Average weight 1 oz. \$1.95



# CLIMBING ROPE

## COLUMBIAN NYLON CLIMBING ROPE

The high elasticity and fine handling qualities have made Columbian a standard rope for American climbing. Columbian  $\frac{1}{16}$ " rope will start to stretch at a load of 150 pounds and reaches a maximum elongation of 58% before breaking at 5500 pounds. Thus the climber is protected with the shock of his fall being dissipated gradually over a long period of time. Columbian is also the best handling of American Filament nylon ropes, with a "soft" lay providing great resistance to kinking.

This year, for the first time, Columbian  $\frac{3}{8}$ " and  $\frac{7}{16}$ " rope is available in both gold and white. Please state preference.

Size	Average Breaking Strength	Approx. Weight	Price
7/16" x 120'	5500 lb.	6 1/4 lb.	\$21.50
3/8" x 120'	4000	4 1/2	14.00
7/16" x 150'	5500	1 1/2	27.00
3/8" x 150'	4000	6 1/4	17.50
1/4" per ft.	1800	.016	0.06
7/16" per ft.	5500	.051	0.18
3/8" per ft.	4000	.036	0.12

**EDELRID PERLON ROPE.** Edelrid Kernmantle (sheathed construction) rope has long been the standard climbing rope for European climbers and is the most popular rope of its type in this country. Sheathed construction gives added strength and durability, plus great ease of handling. Tensile strength for the 11 mm rope is about 5900 pounds, and about 4500 pounds for the 9 mm rope.

We stock Edelrid in gold, red, and blue, in 150 ft. lengths. Prices for any color are:

9 mm x 165 ft.	5 lbs., 15 oz.	\$37.00
11 mm x 165 ft.	7 lbs., 2 oz.	\$49.00
9 mm x 300 ft.	11 lbs., 14 oz.	\$72.50

**DOLT STELCOR™ ROPE.** Stelcor climbing rope, imported by Dolt, is the finest available. Its construction is Kernmantel sheath, with a grilon core which is approximately 20% lighter and 20% stronger than a nylon rope of the same diameter, as illustrated in the specifications below.

All Stelcor ropes are 165 ft. long, a length which is becoming increasingly popular for wall climbing. All Stelcor ropes are treated for water-repellency and are impervious to ultra violet radiation. They are bicolor, with a contrasting color spiral band to the mid-point of the rope.

Along with its strength and lightweight, the Stelcor has handling qualities better than any other rope. The rope is made in three brilliant colors: red, blue, and yellow. Please state preference.

Size	Tensile Strength	Weight	Price
165' x 9 mm	5050 lbs.	5 lbs. 10 oz.	\$56.25
165' x 10 mm	5950 lbs.	7 lbs.	\$67.50



Wes Horner on the 110-foot free rappel from the Maiden near Boulder.

## ACCESSORY CORD AND WEBBING

**EDELRID PERLON** accessory cord can be used for etriers and runners in the larger diameters and climbing nut slings in smaller sizes. All sizes are Kernmantel construction for high strength and durability.

Diameter	Static Strength, lbs.	Price
4 mm	770	.07 per ft.
5.5 mm	1250	.11 per ft.
7 mm	2530	.14 per ft.

**ALPINE CORD**—Nylon Cord about  $\frac{3}{16}$ " in diameter, 550 lb. test. Excellent for tent cords, pack lashing, hauling, and many other jobs. 50 ft. length. Weighs 3 1/2 oz. ----- \$1.00

**AVALANCHE CORD**—50 foot Red perlon cord directionally marked at 6 ft. intervals. Weight 3 oz. ----- \$2.25

**CHOUINARD**  $\frac{9}{16}$ " nylon Tubular Web is ideal for use in hero loops and climbing nuts. Its size is minimal, allowing it to be used in small nuts. Breaking strength averages 2500 lbs.

Color: Royal Blue ----- \$ .11 per ft.

1" Tubular. 3500 pound test makes it excellent for swami belts, runners, stirrups, and large climbing nuts. Per foot ----- \$ .12

# DIRECT AID EQUIPMENT



## BOLT EQUIPMENT

Star-Twist drills are most widely used for fast bolt placement. Will last 2 drillings in hard granite.

Use #12 for 1/4" Rawl studs	1 oz.	\$1.60
Use #14 for 1/4" Star nail drives	1 oz.	\$1.60
Use 3/8" for 3/8" Star nail drives	2 oz.	\$2.15
Star drill holder with steel shaft and ejector pin. Fits Star Drills.	6 oz.	\$2.85

## BOLT HANGERS

Bolt hangers are light, easy to clip into, and strong. Leeper chrome-moly hanger for 1/4" bolts.

1 oz.	\$ .25
Holubar aluminum hanger for 3/8" bolts.	

1 oz.	\$ .25
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## RAWL STUDS

for use in hard rock. 1/4" x 1 1/2" length, or 1/4" x 2" length. 1/2 oz.

\$ .20

## NAIL DRIVES

by Star for softer rock.

1/4" x 1 1/2"	\$ .15
3/8" x 2"	\$ .22



**CLIFFHANGER** by Chouinard is a practical means of ascending almost blank wall sections and has been used often in many wall climbs.

Weight 2 oz.

\$1.65



**DOLTCOBRA™** is the ultimate in direct aid devices. Made of an aerospace-developed supersteel, it has a smoothly shaped, evenly tapered "tail" designed to keep the climbers weight close to the rock. The Doltcobra was used in the recent ascent of the North American Wall of El Capitan.

\$7.50



**JUMAR ASCENDERS.** These are now in wide use in hauling and ascending on long wall climbs, and often save much labor. They give a positive grip and cannot damage rope.

Weight per pair 10 oz.

\$29.50



**RURP** by Chouinard. Realized Ultimate Reality Piton is designed for use in hairline cracks. Will accept 1/2" sling. Will hold 600 lbs. when properly placed. 3/4 oz.

\$1.50



**DOLT™ SWIVEL PULLEY** is designed for use in hauling and rescue work. Nylon pulley with aluminum side plates. Light and strong.

Weight 2 oz.

\$3.95



**THINBITS™** by Dolt are also for use in incipient hairline cracks, and will often serve as an alternative to bolt placement. These are smaller than **RURPs** but at least as strong, and are covered by a conditional guarantee. Two available sizes (small and medium.) 1/2 oz.

\$3.50

# HAMMERS

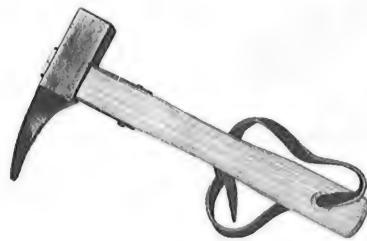


**CMI HAMMERS** are the strongest available, with tubular chrome-moly handle guaranteed against breakage for one year. Handle has rubber grip. Rock Climber and Mountaineer models have carabiner hole in head and serrations in pick for piton removal. Ropemate does not have hole or serrations.

	Weight	Shaft	
Rock Climber	25 oz.	11 1/4"	\$14.95
Mountaineer	20 oz.	10 1/4"	\$13.95
Ropemate	25 oz.	11 1/4"	\$10.95



**CHOUINARD YOSEMITE HAMMER** has a forged chrome-moly head with oil impregnated hickory handle for long life. It is the best balanced hammer available today. Head has blunt pick for driving and removing pitons. Comes with attached nylon shoulder sling. Weight 22 oz. ----- \$12.00



**STUBAI MOUNTAIN HAMMER** — Our most popular hammer, the hickory handled Mountain Hammer is an efficient tool. It has a medium weight head with pointed pick and is extremely well balanced.  
Weight 22 oz. ----- \$5.00



## DOLT™ NYLON HAMMER HOLSTERS

are indestructible, with a lifetime guarantee against breakage. They come in three lengths for convenient use. Model S for climbers with short arms, Model W is extra flexible for convenience in jams and chimneys.

Model S	Weight 1 oz.	\$2.65
Model W	Weight 1 oz.	\$2.75
Model K	Weight 1 1/4 oz.	\$3.00



**CHOUINARD ALPINE HAMMER** with sharp pick for ice work. ----- \$15.00

**STUBAI REGULAR HAMMER** has lighter head, blunt pick, hickory shaft.  
Weight 16 oz. ----- \$3.50



**HARD HATS** are now recognized as being mandatory for safe climbing. We will offer the **BELL** Malibu Helmet, which gives moderate protection with light weight, and the **BUCO**, which gives much better protection with a substantial increase in weight. Both have molded fiberglass shells, foam lined, with inner suspension for shock absorption.  
Bell Helmet—Specify hat size—  
Weight 16 ounces ----- \$15.00  
Buco Helmet—Adjustable for all sizes—  
Weight 36 ounces ----- \$15.00



## SNOW AND ICE CLIMBING EQUIPMENT



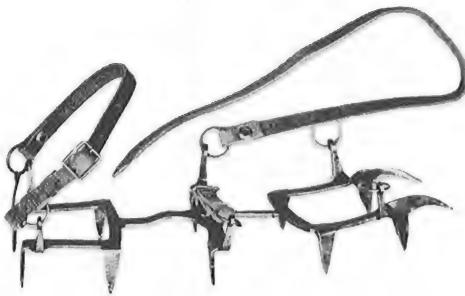
HOW LONG should an ice axe be? The usual way to find the proper length for your axe is to measure from the middle of the palm of your hand to the floor when standing at ease. This indicates a good over-all length for general mountain use—step cutting both up and down hill, glissading, belaying, and glacier walking. Some climbers prefer a shorter axe for convenience on rock and extremely steep ice walls. A very short light axe has great advantages when cutting uphill with one hand—but is difficult to use for downhill cutting, glissading, or as walking stick.

**STUBAI WALLINER AXE.** This axe is excellent for all around mountaineering use. Flared pick and concave scalloped adze shatter ice well without sticking. Counter sunk carabiner hole in head. Wrist strap included. Length 24-38". Weight in 34" length, 2 $\frac{1}{4}$  lbs. ----- \$17.00

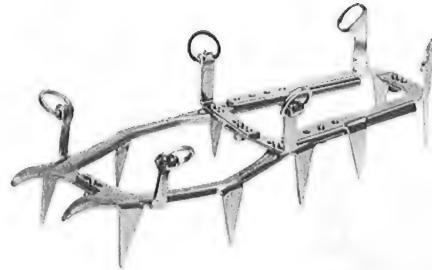
**STUBAI ICE AXE.** A popular axe for glacier walking and glissading. Incorporates concave adze and knife edge pick. Well balanced in all lengths. Two weights—light weight is about 2 lbs. in 32" length, heavy weight is 2 lbs. 6 oz. in same length. Available in even lengths 32-38". ----- \$15.00

**SIMOND "SUPER D" AXE.** This beautifully balanced tool is finest for technical ice work. Masterfully designed head has extra long grooved pick for deep penetration and sure holding power. Carabiner hole in center of head will accept most carabiners, including Chouinard. Extra sharp spike has flattened design for minimum resistance. This is the most popular axe among the country's best ice climbers. Available in 26, 28, and 34" lengths. Weight in 28" length, 1 lb. 14 oz. ----- \$29.95

# CRAMPONS



**GRIVEL 12 POINT CRAMPONS.** Carefully tempered  $1\frac{1}{8}$ " points, hinged design. Ten points downward, two angled forward. Lightweight tempered spring steel. Price includes leather harnesses. When ordering, please send boot outline and specify boot size.  
Weight per pair is 1 lb., 2 oz. ----- \$22.50



**CHOUINARD CRAMPONS** are fully adjustable for size so the climber with several pairs of boots needs only one pair of crampons. Points are aligned on edge of sole for efficient climbing on snow and ice. These beautifully finished crampons are made from aircraft quality alloys for low temperature ductility and are guaranteed against breakage. Cadmium plated.  
Weight about 1 lb. 4 oz. ----- \$35.00

Chouinard nylon crampon harnesses will fit any crampon-boot combination, are extra long, and incorporate freeze proof quick release buckles.  
5 oz. ----- \$3.75

## RUBBER CRAMPON TIP PROTECTORS

are lightweight and fit well. 4 oz.  
10 pt. protectors ----- \$2.25  
12 pt. protectors ----- \$2.50

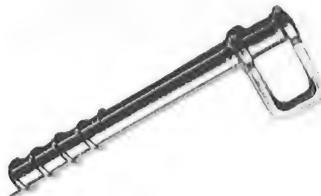


**STUBAI ICE DAGGER** is valuable for security on very steep ice. Dagger is 9 inches long, has rubber insulating grip and leather adjustable wrist sling.  
Weight 7 oz. ----- \$4.25

**ICE AXE POINT GUARD** is rubber and fits all spikes. Weight 2 oz. ----- \$.50



**LEATHER ICE AXE HEAD GUARD.** Fits all axes, protects adze and pick.  $2\frac{1}{4}$  oz. ----- \$2.50



**SALEWA ICE SCREWS** are the most useful and most secure ice piton available today. Tubular construction with machined threads offers maximum strength with minimum weight.  $6\frac{1}{2}$ " length.  
Weight 4 oz. ----- \$3.50

# MOUNTAINEERING ACCESSORIES

## THE SILVA RANGER

Lighting mirror. Sapphire jewel bearing. Liquid damped action. Luminous points. Waterproof. One of the world's best hand compasses. 4" x 2½" x ¾".

Weight 5 oz. ----- \$14.95



## THE SILVA EXPLORER.



Sapphire jewel bearing. Liquid damped. Waterproof. Professional quality. 2½" x 3½" x ½".

Weight 1½ oz. ----- \$5.95

**SILVA POLARIS COMPASS.** New liquid filled compass with sapphire bearing. Hairline meridian lines for accurate plotting on map. Convenient inch scale on beveled end of base plate, millimeter scale on other. Comes with instructions. 3" x 2" x ¾".

Weight 1 oz. ----- \$3.95

## SWISS THOMMENS POCKET ALTIMETER



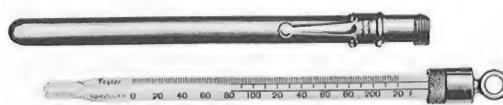
This 3¼ oz. precision altimeter has nineteen jeweled bearings with compensation for temperature built into the sturdy, shock-resistant movement. It reads with a uniform accuracy of ± 30 feet over the entire range from sea level to 15,000 feet. The smallest division is 25 feet. To adjust for the barometric pressure at a given time the dial is rotated for an initial altitude. Changes in the weather can be predicted by an added barometric scale with a range of 22.5 to 31 inches of mercury. In a leather case 2½" x 2½" x ¾". ----- \$59.00  
Model to 27,000 feet ----- \$62.00



## No. 2913 TAYLOR POCKET COMPASS

Liquid-filled capsule rotates. Needle settles instantly. Hinged safety case. **No. 2913 Taylor** Compass measures about 2" diameter x ½" thick.

Weight 2 oz. ----- \$2.50



**POCKET THERMOMETER.** An accurate thermometer in an aluminum case with pocket clip. Legible from minus 50° to 125°F. Fun to have along and especially useful in checking snow temperatures for cross-country ski waxing.

Weight 1 oz. ----- \$3.25

# SUN GOGGLES AND GLASSES



## CHOUINARD ANNAPURNA GLASSES



are excellent for snow and ice climbing and skiing. Scratch resistant, shatterproof plastic lenses, dark green, distortion free. These glasses are extremely comfortable, with leather nosepiece, light elastic safety cord, and cushioned earpiece. Hard protective case included.

Glasses and case weigh 3 oz. \$9.50



**ATTENHOFER GOGGLES** are the standard lightweight mountaineering goggle. Available with smoked glass or plastic lens. Rubber padded aluminum frame.

With glass lenses	\$1.50
With plastic lenses	\$1.00
Extra glass lenses per pair	.90
Extra plastic lenses per pair	.40

**SALICE SKI GOGGLES** are good for most winter mountaineering conditions, but are somewhat bulkier than our other goggles. Frames are soft plastic, foam cushioned, with elastic band. Goggles come with light yellow and dark green lenses for varying conditions. Salice goggles are well ventilated and will fit over eye glasses.

Weight 4 oz. \$3.75



**BEREC HEADLAMP.** A very sturdy all-metal case containing 3 "D" cells and a headband has the removable lamp unit held to it by a swivel clip. The unit can be hung from a belt, or a nail or carried by its collapsible handle or made to stand alone. The power cord coiled in the battery case allows the unit to be kept warm (necessary for cold weather use) while the lamp is affixed to the head for freedom of the hands. The finest battery-powered unit of its type available.

Weight 14 oz. without batteries \$5.95



## MALLORY COMPACT FLASHLIGHT

Throws a 250 ft. beam comparable to flashlights with 2 AA cells, yet fits easily into pocket, glove compartment, or pack. Uses Mallory DURACELL Alkaline batteries with 2 yr. storage life. Complete with batteries, weight 3 oz. \$1.95



**HOLUBAR LIGHT** is the ultimate in compact, light-weight flashlights. Measures only 2 1/4" square. Has bracket for support or hanging. Supplied with standard (non-alkaline) batteries. Weighs two oz. with batteries. \$1.50

**EXTRA MALLORY ALKALINE BATTERIES** to fit both above lights. Penlight size. In heavy duty use, will last 5-10 times longer than standard batteries. Weigh 1 oz. each. 2/\$1.00

## MALLORY BATTERIES FOR BEREC

**HEADLAMP.** Alkaline batteries will last 5 to 10 times longer than regular batteries under heavy duty use. Headlamp needs three "D" size. Weight 4 1/2 oz. each \$ .95

# COOKING UTENSILS

## POLYETHYLENE BOTTLES AND CONTAINERS



**No. 1:** One gallon capacity collapsible to very small size, 5' x 6" flat. Bakelite screw cap. Weight 5½ oz. ----- \$1.00



**No. 4:** One quart round bottle with poly cap. Weight 4 oz. ----- \$ .85

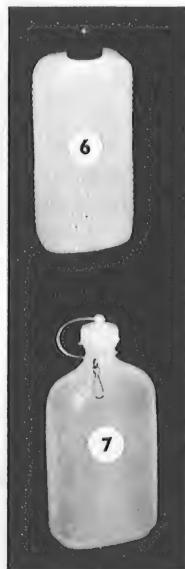


**No. 2:** Quart Poly Jar is watertight, odorless. Poly cap. Will not shatter in cold weather. Good for campsite and in-pack soaking. Weight 3½ oz. ----- \$1.00

**No. 3:** Pint Poly Jar is also watertight and will not affect taste of liquid. Weight 2 oz. ----- \$ .50



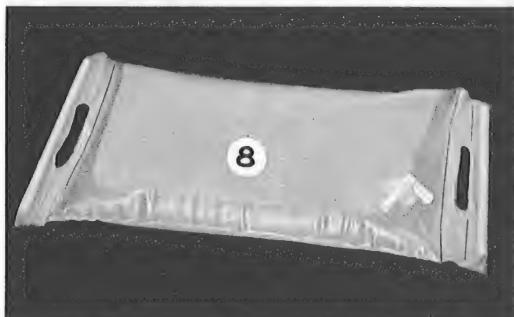
**No. 5:** Six Ounce Bottle with squeeze spout cap. Very handy for carrying oil, syrup, etc. Weight 1½ oz. ----- \$ .45



**No. 6:** Oval flasks with a concave shape fit well in a rucksack or hip pocket.

10½ oz. measures 1½" x 3" x 7"  
Plastic cap. Wt. 1½ oz. ----- \$ .85

**No. 7:** Oval canteen, quart capacity, concave on one side with plastic keeper for poly screw cap. Metal snap for fastening to belt. Weight 3½ oz. ----- \$1.20



**No. 8:** 2.5 Gallon Collapsible Water Bag. Poly bag rolls to 1½" diameter. Handles at both ends and spigot at bottom makes this large capacity container extremely convenient to use. Weight 7 oz. ----- \$3.50



**PLASTIC EGG CONTAINERS** are most practical than aluminum since they won't crush. Four and six egg sizes have compartment for salt. Average weight 3 oz.  
2 egg size \$.59   4 egg size \$.79   6 egg size \$.99

## **ALUMINUM BOTTLES**

ALUMINUM BOTTLES  
Equipped with gasoline-proof gaskets. Anodized finish in bright colors for fruit juice and acids; plain for water or gasoline.

Pint.	Weight	4 oz.
Anodized		\$2.40
Plain		\$1.75
Quart.	Weight	5 oz.
Anodized		\$2.70
Plain		\$2.00

## **STAINLESS STEEL CUP**



Wide mouth for drinking or for use as a dish. Open wire handle can be hung from belt. Wire goes around lip of cup, keeps it cool. 4½" dia. at top, 3⅛" dia. at base. 1½" deep. Weight 3 oz. **\$1.10**

**\$1.10**



## TINY CAN OPENER

1½" long.  
Weight  $\frac{3}{4}$  oz. ----- \$ .10

## ALUMINUM SKILLET

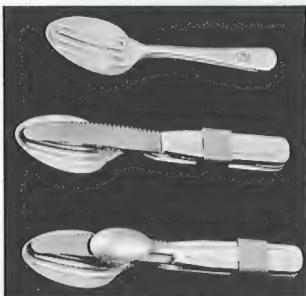


Has folding handle. Use as  
skillet or plate. 8" diameter.  
Weight 6 oz. ----- \$1.75

## FORK AND SPOON.

Aluminum with fullsized ends  
but short handles that clip  
together.  
Weight 1 oz. \$ .65

Weight 1 oz. ..... \$ .65



#### **KNIFE, FORK AND SPOON**

**SPoon.** Aluminum with  
stainless steel knife blade.  
Weight 2 oz. \$1.40

Weight 2 oz. \$1.40

**KNIFE, FORK AND TWO SPOONS.** Same as above but with additional

**small spoon.**

**Weight 2 oz.** ..... \$1.50

**POT GRIP.** Lightweight stamped steel is much stronger than aluminum and will hold any weight pot safely. Has locking clip. Grip is 5 inches long. Weight 3 oz. **\$ .65**

Weight 2 oz. ----- \$ .95

Weight 2 oz. ----- \$ .75

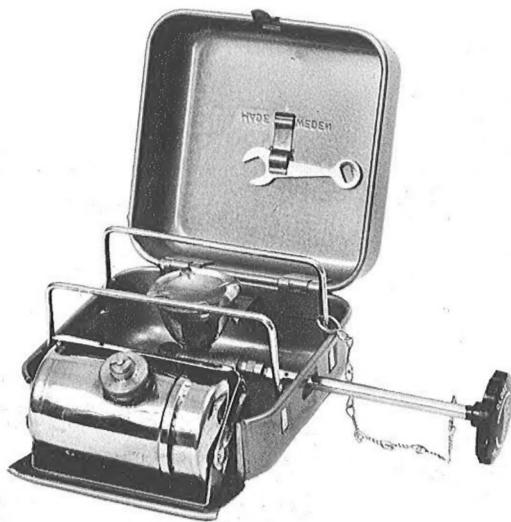


**ALUMINUM PROVISION TIN** has hermetically sealing plastic liner. Excellent for carrying butter and other spreads. 4" diameter, 2 1/4" deep. Weight 3 oz. **\$1.79**

**SWEDISH CANDLE LANTERN.** An improvement over the French lantern of similar design, this compact, highly efficient light has a shatter-proof plastic chimney which will not break when the lantern is dropped. Spring loaded so flame is always at same level. Ideal for lighting campsite and warming tent. Closed size 5" x 2". Weight 5½ oz. **\$4.50**

**STEARENE CANDLES** burn with hot flame,  
will last about four hours. Fit above lantern.  
Weight 1 oz. each. **4 for \$ .39**





**OPTIMUS 8R.** A well designed white gas stove which is easy to prime and is self cleaning. Low center of gravity provides steady base for pots. Easy to operate, reliable and fast cooking. Boils quart of water in 6-7 minutes.  
Weight 1 lb. 9 oz. **\$10.95**



**SVEA 123 COMPACT COOKER.** A light, efficient, fast cooking stove with windscreens and small pot. This is one of the most compact stove sets available with a packed height of 5" x 3 3/4" diameter. Holds 1/3 pint of white gasoline; will burn for 45 minutes on one filling and boil one quart of water in 6-7 minutes. No pumping required.  
Weight 1 lb. 9 oz. with pot **\$10.95**

**SIGG ALUMINUM COOKSET** with Svea Stove. Three cooking pans with the largest one having 1.5 quart capacity. Also two wind guards. Pans nest for cooking and carrying. Ideal for cooking or warming several dishes at once.  
Weight 2 lb. 8 oz. with stove **\$17.50**  
Cookset without stove **\$ 9.00**

**TRI-OXANE HEAT TABLETS** for priming gasoline stoves and fire starting.  
2 oz. 3 bars for **\$ .50**

**BRASS MATCH CASE.** Watertight, weighs 1 oz. **\$1.00**

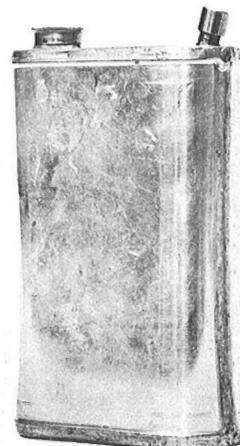
### BLEUET BUTANE STOVE



This compact French stove is very handy. Uses an easily insertable, disposable cartridge for fuel supply. Regulating valve for heat control. One cartridge will burn for 2 1/2 to 3 hours at maximum flame. Frustrations of priming, pumping and filling are gone . . . just open the valve and light. Weight 1 lb. 9 oz. with full cartridge. 8 1/2" x 3 1/2", stove w/one cartridge, no screen **\$8.95**  
Windscreen, 2 oz. **.95**

### EXTRA BUTANE CARTRIDGES

Butane cartridges may not be shipped airmail.  
11 oz. ea. **\$ .80**  
Box of 6 **\$4.75**

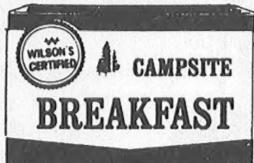


**ALLOY FUEL CONTAINERS** are leak proof and easy to pack. Have filling cap and small screened pouring spout, eliminating need for funnel. 1.5 pint can measures 4' x 1 3/4" x 7".  
1 quart capacity, weighs 6 1/2 oz. **\$2.40**  
1.5 pint capacity, weighs 5 1/2 oz. **\$2.30**  
1 pint capacity, weighs 4 1/2 oz. **\$2.20**

# WILSON'S CERTIFIED FREEZE-DRY FOODS

## For your sporting pleasure

New Campsite meals are amazing. All fine quality foods, light as a feather. 98% of the moisture is removed, leaving full flavor and nutrition in meals that last for months without refrigeration.



CAMPSITE BREAKFAST — Here's your favorite! Fluffy scrambled eggs, tender cubed ham, golden crisp hashed brown potatoes. 2 servings. Hearty! Net wt. 5 1/4 oz. \$1.90



CAMPSITE BEEF DINNER — A real wilderness banquet. Juicy, tender beef steaks, snowy mashed potatoes with flavorful brown gravy, golden sweet whole kernel corn. Mmmm! 2 servings. Net weight 5 1/4 oz. \$2.90



CAMPSITE PORK CHOP DINNER — Campfire eating at its finest! Thick, boneless succulent chops, crisp hashed brown potatoes, sweet applesauce, garden-fresh green beans. 2 servings. Delicious. Net wt. 7 oz. \$2.75

## PERMA-PAK FOOD

WHOLE MILK. A wonderful change from the usual powdered milk. A fine tasting milk with 28% butter fat. Mixes easily. Makes a quart \$ .40

VEGETABLE SALAD. Gives the much needed lift of a fresh raw vegetable. Reconstitutes like cole slaw. You have to try this to be convinced. Feeds 3 to 4. 1 1/2 oz. pkg. \$ .40

DICED CARROTS. A good extra "zip" in numerous dishes. 3 1/2 oz. pkg. \$ .45

SHRIMP. Serve these above timberline for real sensation. After 10 to 15 minutes of soaking they really taste like fresh cooked shrimp. Good as appetizer or main dish. Wt. 1/2 oz. \$ .90

INSTANT APPLE SAUCE. Just soak this in water for 15 minutes and it's ready. No cooking needed. A real addition to a good meal. Feeds 3 to 4. 5 3/4 oz. pkg. \$ .80

PRUNES. Pitted. Excellent flavor. Need no sugar. Feed 3 to 4. 6 1/2 oz. pkg. \$ .60

**SPORTADE** is a scientifically formulated drink incorporating salts and vitamins designed to reduce fatigue and muscle cramps encountered in sustained physical exertion. Replaces valuable body salts lost through perspiration. Has been proven extremely effective in mountaineering and back packing. Three 1/3 oz. envelopes are commonly used in one day's moderately strenuous back packing. 1/3 oz. envelope, makes 6 fluid ounces \$ .15  
7 oz. envelope, makes 1 gallon \$ 1.50



WILSON'S CERTIFIED BEEF STEAKS — Just what outdoor appetites crave — sizzling, juicy, tender beef steaks . . . as you like them in just minutes. Net wt. 2 oz. \$2.15



2-3 servings. Net wt. 2 3/4 oz. \$1.45



WILSON'S CERTIFIED HAM CUBES — Mix this diced ham with potatoes, noodles, eggs, for meaty goodness and flavor. 2-3 servings. Net wt. 1 oz. \$ .70



WILSON'S CERTIFIED BACON BAR — May be eaten as is, or scrambled and stirred into scrambled eggs, casseroles, pancake batter, soup, etc. Good base for a main course with side dishes of vegetables or noodles. Concentrated. Widely used for expeditions. Equivalent to about 3/4-lb. unfried bacon. Weight 3 oz. \$1.35

## TURBLOKKEN

Compact, tasty Norwegian food. Consists of 2 blocks regular protein enriched bread (actually more like a cookie), 2 blocks of bread flavored with chocolate, and 2 blocks of orange-flavored glucose. Provides 920 calories or approx 1/3 average daily requirements in only 8 oz. This is a very high calorie content per ounce weight. Measures 1" x 2" x 5". Ideal for many uses: a quick early breakfast or as an easy lunch, tasty for munching on the trail, and an emergency food always handy in pocket or pack. Keeps indefinitely \$ .75

**CORNFLAKE BARS** of tasty pressed cornflakes for quick meal or snack \$ .20

**DEXTROSE** Tablets of easily digestible sugar for quick energy. Five tablets per package. Weight 2 oz. \$ .15

**HORLICKS FUDGE** is a concentrated food energy, may be eaten dry or dissolved in hot water for a drink. Rum or chocolate flavor available. Weight per bar 2 oz. \$1.50

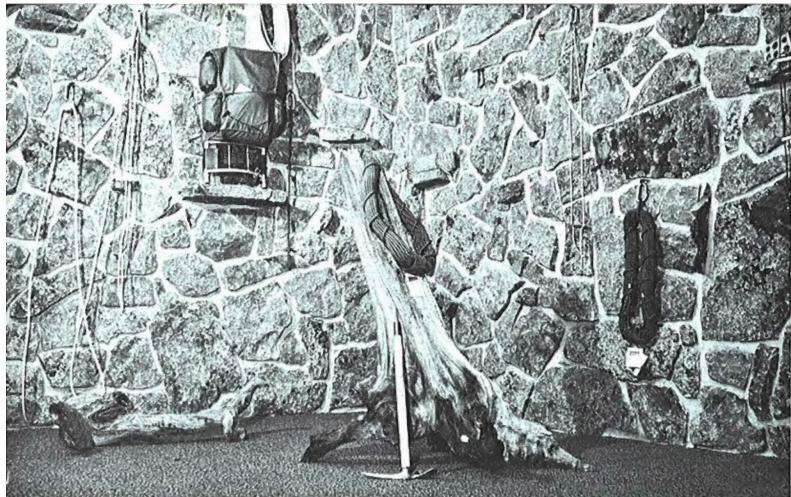
**KENDALL MINT CAKES** from England \$ .75

**PEM BARS** are delicious fruitbars excellent for trail snacks. Well worth trying. Weight 1 oz. \$ .15

# RICH MOOR FOOD

RICH MOOR FOODS are outstanding for their good taste. Their reasonable price and generous quantity makes them very desirable. All packs make four servings. Only water has to be added to cook these delicious dishes:

		Weight	Water needed to prepare	Price
<b>DINNER DISHES All generous quantity and good.</b>	Spanish Rice	9 1/4 oz.	4 1/2 Cups	\$0.80
	Macaroni & Cheese	12 1/2 oz.	5 Cups	0.90
	Vegetable Beef Stew	8 3/4 oz.	5 Cups	1.85
	Chili Mac with Beef	11 1/2 oz.	5 Cups	1.55
	Quick Chicken Rice Dinner	11 oz.	4 1/2 Cups	1.55
	Beef Stroganoff with Noodles	12 3/4 oz.	5 Cups	2.00
	Chicken a la King	6 oz.	3 Cups	1.20
	Turkey Supreme	21 oz.	5 1/2 Cups	2.00
<b>SOUPS</b>	Chicken Rice	5 1/4 oz.	4 1/2 Cups	0.45
	Tomato Noodle	4 3/4 oz.	4 1/2 Cups	0.45
	Cream of Potato (a meal in itself)	6 oz.	4 1/2 Cups	0.40
	Vegetable Beef	3 1/2 oz.	4 1/2 Cups	0.45
	Instant Pea Soup	5 3/4 oz.	4 1/2 Cups	0.40
<b>VEGETABLES</b>	Quick Hashed Brown Potatoes	6 oz.	4 Cups	0.40
	Peas and Carrots	2 3/4 oz.	2 Cups	0.45
	Green Beans	1 oz.	2 Cups	0.45
	Instant Mashed Potatoes with milk	3 1/2 oz.	3 1/2 Cups	0.40
	Pilot Biscuits (Bread that keeps)	9 1/2 oz.	None	0.50
	Beef-flavored Brown Gravy	2 oz.	2 Cups	0.30
	Vegaline (Keeps foods from sticking to skillet)	1 oz.		0.30
	Corn	2 1/4 oz.	1 1/2 Cups	0.45
<b>MEATS</b>	Peas	2 1/4 oz.	2 Cups	0.50
	Beef, Cooked Ground	1 1/2 oz.	for 4	0.80
	Chicken, Cooked Diced	1 1/2 oz.	for 4	0.80
	Beef Jerky	2 1/2 oz.	for 4	0.90
<b>FRUITS</b>	Fruit Cocktail with Sugar	6 oz.	2 Cups	0.60
	Peach Slices with Sugar	6 oz.	2 Cups	0.55
	Apple Slices (for trail munching)	3 3/4 oz.		0.55
<b>DRINKS</b>	Lemon	7 oz.	6 Cups	0.40
	Orange	7 oz.	6 Cups	0.40
	Grape	7 oz.	6 Cups	0.40
<b>SPREADS</b>	Cheddar Cheese	4 oz.	1/2 Cup	0.60
	Crunchy Peanut Butter	4 oz.	1/4 Cup	0.40
	Grape Jelly	2 5/8 oz.	1/2 Cup	0.25
	Blackberry Jelly	2 5/8 oz.	1/2 Cup	0.25
<b>INSTANT DESSERTS</b>	Chocolate Pudding	6 oz.	2 Cups	0.45
	Vanilla Pudding	5 oz.	2 Cups	0.40
	Butterscotch Pudding	5 oz.	2 Cups	0.40
	Banana Cream Pudding	6 oz.	2 Cups	0.45
	French Apple Compote	5 1/2 oz.	2 Cups	0.50



**HOLUBAR**

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*Holubar--Specialists in Camping  
and Mountaineering Equipment*

Bulk Rate  
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